TC-WE835S

SERVICE MANUAL

US Model
AEP Model
UK Model

- TC-WE835S is similar to the earlier TC-WE825S.
- Refer to TC-WE625/WE725/WE825S service manual (9-922-795-xx) for information not contained in this service manual.

• DIFFERENCE TABLE

Page	Ref.No.	TC-WE825S			TC-WE835S		
		Part No.	Description	Remark	Part No.	Description	Remark
			EXPLODED VIEWS			***EXPLODED VIEWS***	
38	1	* 3-021-243-01	PANEL, BACK (AEP)		* 3-032-411-01	PANEL, BACK (AEP)	
	1	* 3-021-243-11	PANEL, BACK (UK)		* 3-032-411-11	PANEL, BACK (UK)	
	1	* 3-021-243-31	PANEL, BACK (US)		* 3-032-411-21	PANEL, BACK (US)	
40	101	X-3374-864-1	LID (A) ASSY, CASSETTE		X-3376-715-1	LID (A) ASSY, CASSETTE	
	102	X-3374-865-1	LID (B) ASSY, CASSETTE		X-3376-717-1	LID (B) ASSY, CASSETTE	
41	151	X-3374-858-1	PANEL ASSY, FRONT (AEP, UK)		X-3376-712-1	PANEL ASSY, FRONT (AEP, UK)	
	151	X-3375-510-1	PANEL ASSY, FRONT (US)		X-3376-713-1	PANEL ASSY, FRONT (US)	
54			***ACCESSORIES & PACKING MATERIALS***			***ACCESSORIES & PACKING MATERIALS***	
			NOT USED		1-473-598-11	REMOTE COMMANDER (RM-J910)(US)	
		3-862-713-11	MANUAL, INSTRUCTION (ENGLISH) (US, UK)		3-866-256-11	MANUAL, INSTRUCTION (ENGLISH)	
		3-862-713-31	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (AEP)		3-866-256-21	MANUAL, INSTRUCTION (FRENCH, SPANISH) (AEP)	
		3-862-713-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP)		3-866-256-31	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN, PORTUGUESE) (AEP)	
			NOT USED		3-866-671-11	MANUAL, INSTRUCTION (FOR CONTROL A1 II) (ENGLISH) (US,UK)	
			NOT USED		3-866-671-21	MANUAL, INSTRUCTION (FOR CONTROL A1 II) (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, PORTUGUESE, SWEDISH, ITALIAN, CHINESE)(AEP)	
			NOT USED		4-981-643-01	COVER, BATTERY (FOR RM-J910) (US)	

Items marked "*" are not stocked since they are seldom required for routine service.
Some delay should be anticipated when ordering these items.

STEREO CASSETTE DECK

SONY®

MICROFILM

9-928-857-11

Sony Corporation
Home A&V Products Company

99C001668-1
Printed in Japan ©1999.3
Published by Quality Assurance Dept.
(Shinagawa)

TC-WE625/WE725/ WE825S

SERVICE MANUAL

US Model
TC-WE625/WE825S
Canadian Model
TC-WE625
AEP Model
UK Model
TC-WE725/WE825S
E Model
Australian Model
Chinese Model
TC-WE625

Photo: TC-WE825S

Dolby noise reduction extension manufactured under license from Dolby Laboratories Licensing Corporation.
HX Pro originated by Bang & Olufsen. “DOLBY”, the double-D symbol □□ and “HX PRO” are trademarks of Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism		TC-WE505/WE605S/WE705S
Tape Transport Mechanism Type	DECK A	TC-WE625 : TCM-190RB12CL TC-WE725/WE825S : TCM-190RB13C
	DECK B	TC-WE625 : TCM-190RB12CL TC-WE725/WE825S : TCM-190RB11C

SPECIFICATIONS

System

Recording system
4-track 2-channel stereo

Fast-winding time (approx.)
90 sec. (with Sony C-60 cassette)

High-speed fast-winding time (approx.) (TC-WE825S and TC-WE725 only)
45 sec. (with Sony C-60 cassette)

Bias
AC bias

Signal-to-noise ratio (at peak level and weighted with Dolby NR off)
Type I tape, Sony Type I (NORMAL): 55 dB
Type II tape, Sony Type II (HIGH): 57 dB
Type IV tape, Sony Type IV (METAL): 58 dB

S/N ratio improvement (approximate values)
With Dolby B NR on: 5 dB at 1 kHz, 10 dB at 5 kHz
With Dolby C NR on: 15 dB at 500 Hz, 20 dB at 1 kHz
With Dolby S NR on (TC-WE825S only): 10 dB at 100 Hz, 24 dB at 1 kHz

Harmonic distortion
0.4% (with Type I tape, Sony Type I (NORMAL): 160 nWb/m 315 Hz, 3rd H.D.)
1.8% (with Type IV tape, Sony Type IV (METAL): 250 nWb/m 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

Tape type	
Type I tape, Sony Type I (NORMAL)	30-16,000 Hz (±3 dB, IEC), 20-17,000 Hz (±6 dB)
Type II tape, Sony Type II (HIGH)	30-17,000 Hz (±3 dB, IEC), 20-18,000 Hz (±6 dB)
Type IV tape, Sony Type IV (METAL)	30-19,000 Hz (±3 dB, IEC), 20-20,000 Hz (±6 dB), 30-13,000 Hz (±3 dB, –4 dB recording)

– Continued on next page –

STEREO CASSETTE DECK

MICROFILM

SONY®

Wow and flutter
± 0.13% W. Peak (IEC)
0.07% W. RMS (NAB)
± 0.18% W. Peak (DIN)

Variable pitch range (approx.)
–30 to +30%

Inputs

Line inputs (phono jacks)
Sensitivity : 0.16 V
Input impedance : 47 kilohms

Outputs

Line outputs (phono jacks)
Rated output level : 0.5 V at a load impedance of 47 kilohms
Load impedance : Over 10 kilohms

Headphones (stereo phono jack)
Output level : 0.25 mW at a load impedance of 32 ohms

General

Power requirements

Where purchased	Power requirements
US, Canadian	120 V AC, 60 Hz
AEP, UK, Chinese	220 - 230 V AC, 50/60 Hz
Australian	240 V AC, 50/60 Hz
Singapore, Malaysia	120/220/230 - 240 V AC, 50/60 Hz

Power consumption
30 W

Dimensions (approx.) (w/h/d)
Model for UK and Australian :
430 × 120 × 310 mm (w/h/d)
(17 × 4 3/4 × 12 1/4 in.)
Model for other countries :
430 × 120 × 290 mm (w/h/d)
including projecting parts and controls

Mass (approx.)
4.3 kg (9 lbs 8 oz)

Supplied accessories

Audio connecting cords (2 phono plugs - 2 phono plugs) (2)
CONTROL A1 cord (supplied for Canadian models only) (1)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers).
Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

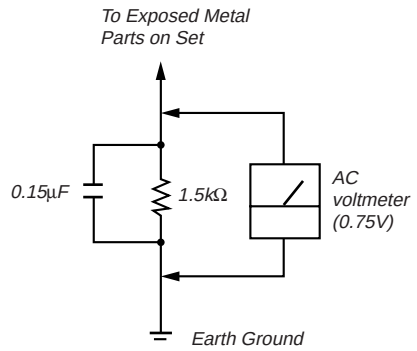


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

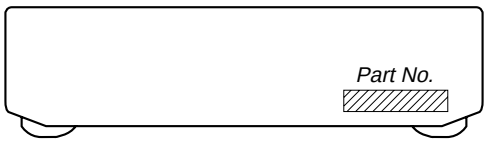
COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION

–Back panel–



Part No.	Model
3-021-228-0π	TC-WE625 : US model
3-021-228-1π	TC-WE625 : CND model
3-021-228-2π	TC-WE625 : AUS model
3-021-228-3π	TC-WE625 : SP, MY model
3-021-228-4π	TC-WE625 : CH model
3-021-242-0π	TC-WE725 : AEP model
3-021-242-1π	TC-WE725 : UK model
3-021-243-0π	TC-WE825S : AEP model
3-021-243-1π	TC-WE825S : UK model
3-021-243-3π	TC-WE825S : US model

• Abbreviation
CND : Canadian model
AUS : Austrarian model
SP : Singapore model
MY : Malaysia model
CH : Chinese model

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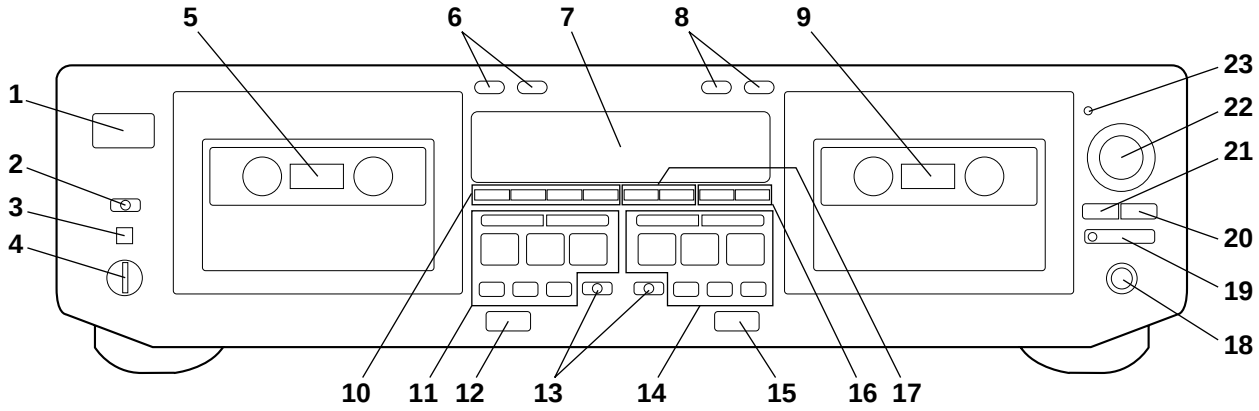
SECTION 1
GENERAL

1-1. LOCATION OF CONTROLS



1. I/⏻ (Power) button (US, Canadian)
   ⏻ (Power) button (EXCEPT US, Canadian)
2. DIRECTION MODE switch
3. PITCH CONTROL (⎓ ON/⎍ OFF) switch (TC-WE725/WE825S)
4. PITCH CONTROL knob (TC-WE725/WE825S)
5. Cassette holder (Deck A)
6. COUNTER A buttons (Deck A)
   RESET button
   MEMORY button
7. Display window
8. COUNTER B buttons (Deck B)
   RESET button
   MEMORY button
9. Cassette holder (Deck B)
10. RMS buttons
    RMS/START button
    SET button
    CHECK button
    DISPLAY button
11. Tape operation buttons (Deck A)
    ◀◀ (AMS), RMS - button
    ▶▶ (AMS), RMS + button
    ■ CLEAR (Stop) button
    ◁ BACK (Reverse play) button
    ▷ FRONT (Foward play) button
    ❚❚ PAUSE button
    ○ REC MUTING button
    ● REC button
12. ⏏ (Eject) button (Deck A)
13. DOLBY NR switches
    ON, OFF, FILTER switch
    B, C, S switch (“S” use for TC-WE825S)
14. Tape operation buttons (Deck B)
    ◀◀ (AMS) button
    ▶▶ (AMS) button
    ■ (Stop) button
    ◁ (Reverse play) button
    ▷ (Foward play) button
    ❚❚ PAUSE button
    ○ REC MUTING button
    ● REC button
15. ⏏ (Eject) button (Deck B)
16. START (DECK B ❚❚) buttons
    A+B REC button
    HIGH/NORMAL, DUBBING A→B button
17. AUTO CAL (START ❚❚) buttons
    DECK A button
    DECK B button
18. PHONES jack
19. SYNCHRO button and indicator
20. ARL button
21. FADER button
22. REC LEVEL knob
23. AUTO indicator

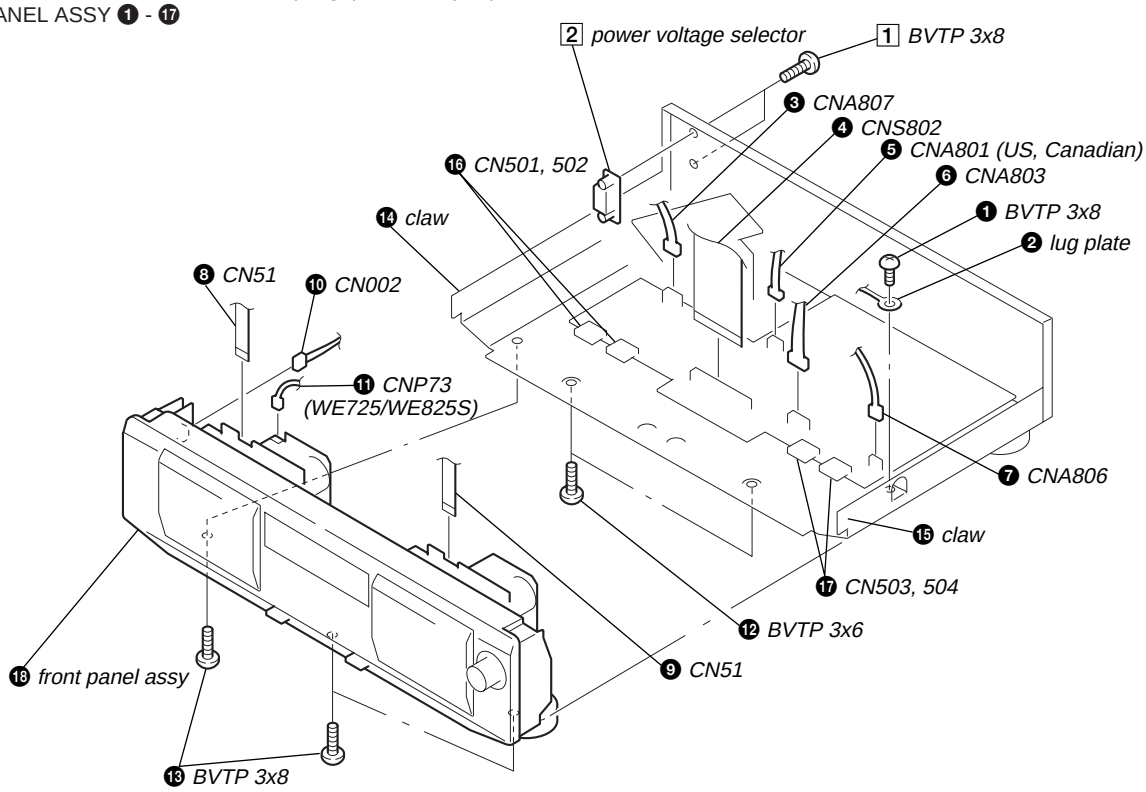
SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

CASE
Unscrew the five case attachment screws M3 × 8 and remove the case.

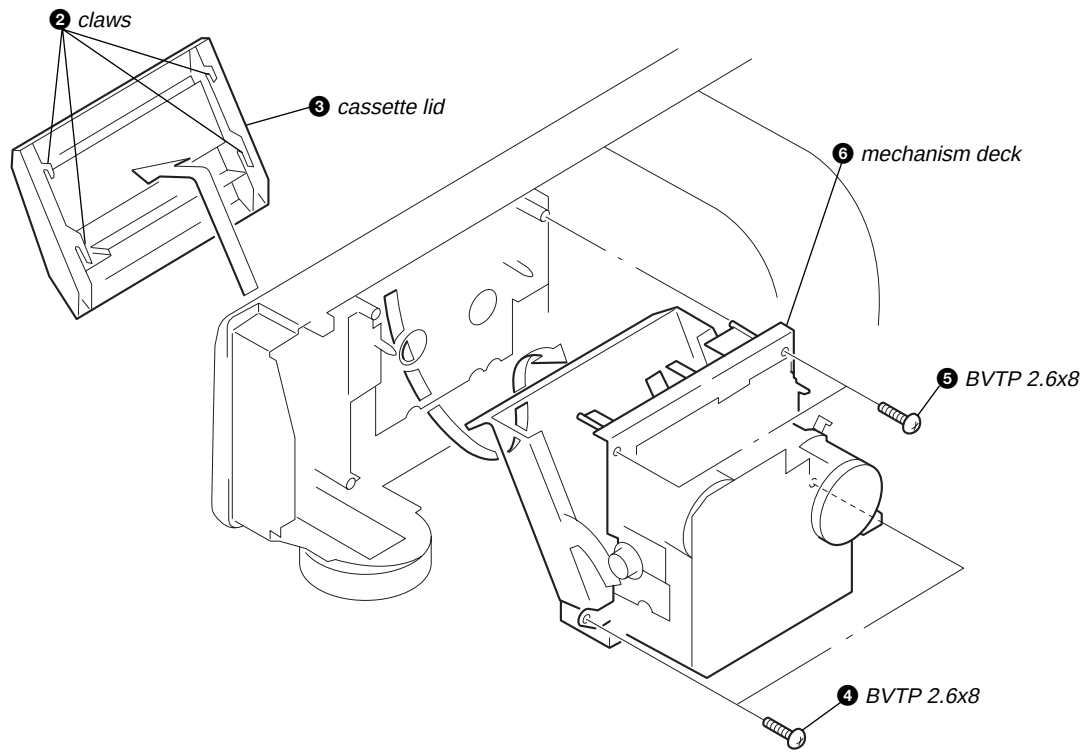
2-1. FRONT PANEL ASSY

POWER VOLTAGE SELECTOR [1] - [2] (Singapore, Malaysia)
FRONT PANEL ASSY ❶ - ⓱

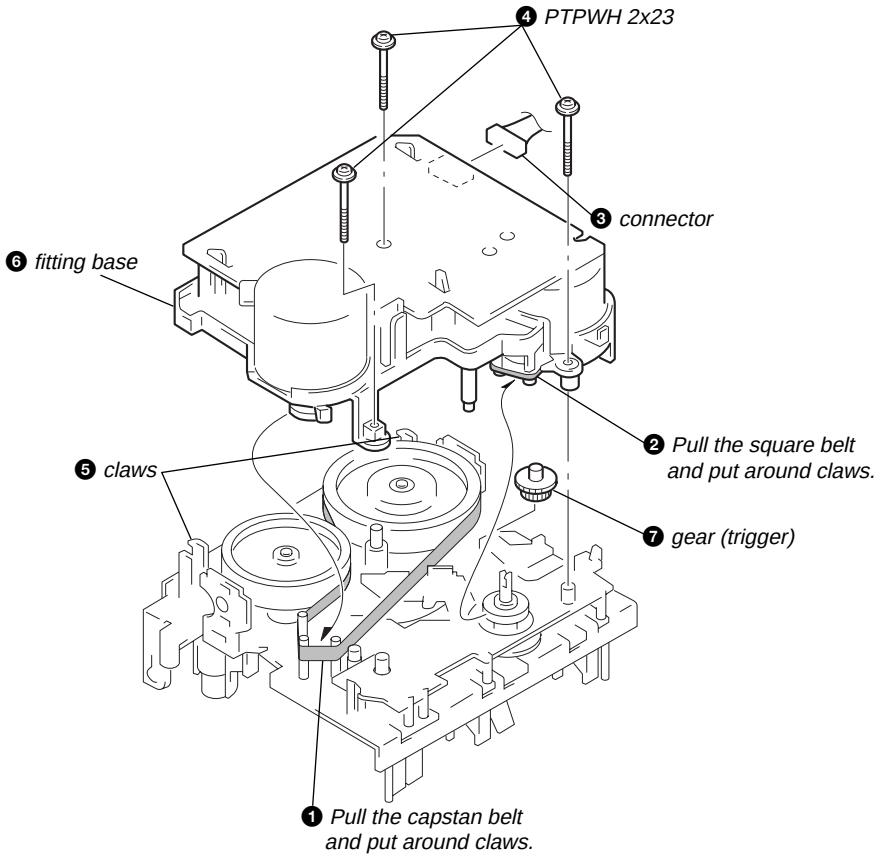


2-2. MECHANISM DECK

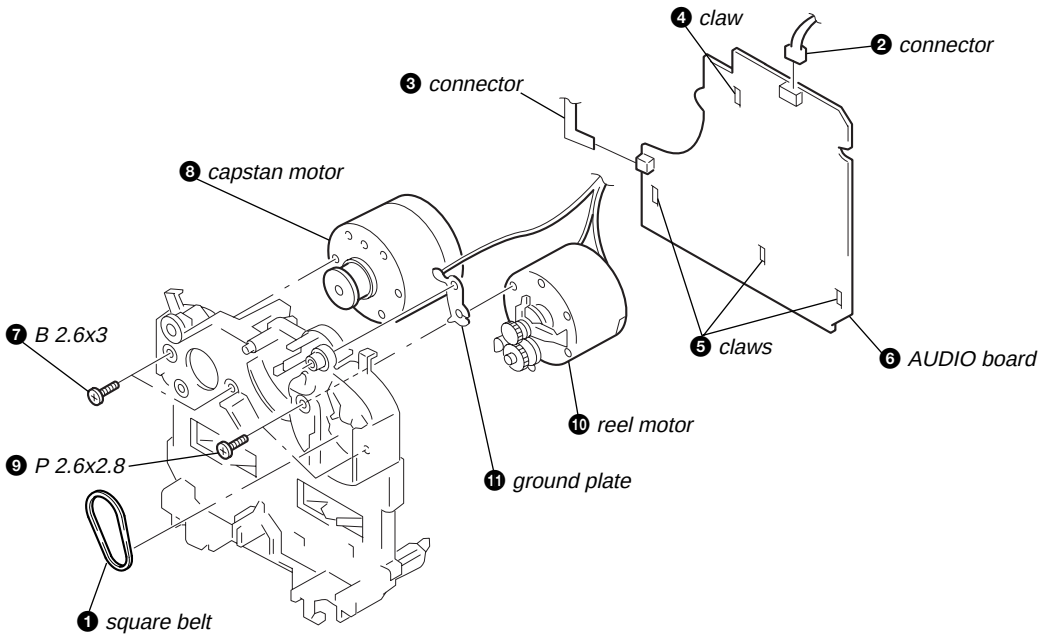
❶ Press the EJECT button.



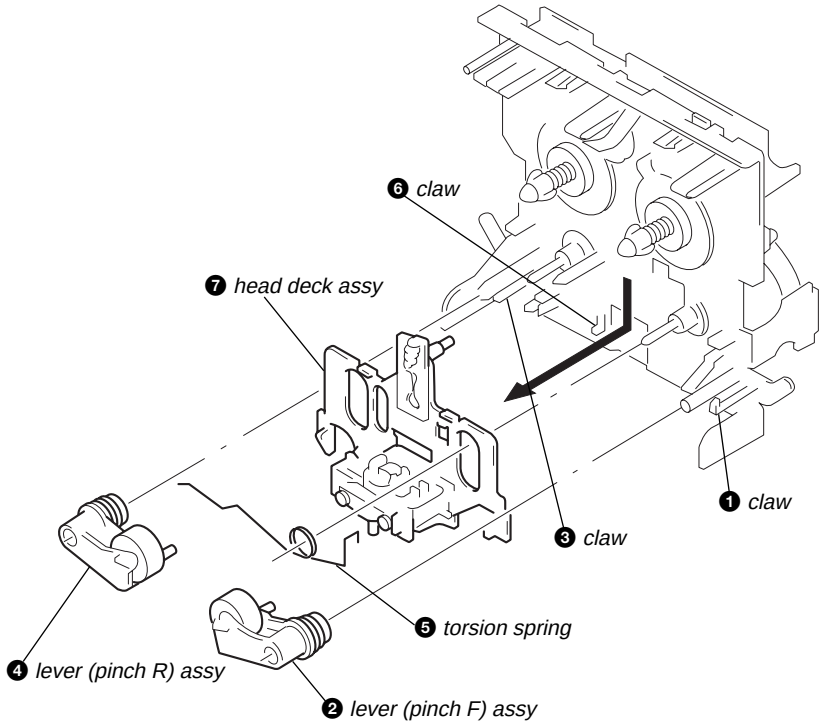
2-3. FITTING BASE



2-4. CAPSTAN MOTOR, REEL MOTOR



2-5. HEAD DECK ASSY



SECTION 3
MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
   record/playback/erase head　　pinch roller
   rubber belts　　capstan
   idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustment.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

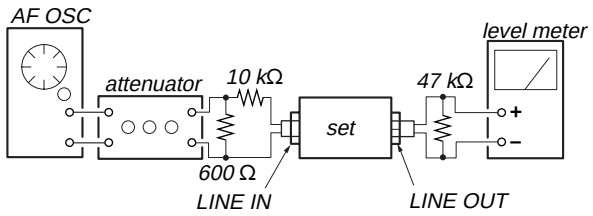
Mode	Torque meter	Meter reading
Forward	CQ-102C	30 to 65 g • cm (0.42 to 0.90 oz • inch)
Forward back tension	CQ-102C	DECK A : 1 to 6 g • cm (0.014 to 0.083 oz • inch) DECK B : 2 to 9 g • cm (0.028 to 0.125 oz • inch)
Reverse	CQ-102RC	30 to 65 g • cm (0.42 to 0.90 oz • inch)
Reverse back tension	CQ-102RC	1 to 6 g • cm (0.014 to 0.083 oz • inch)
FF/REW	CQ-201B	70 to 120 g • cm (0.97 to 1.67 oz • inch)

SECTION 4
ELECTRICAL ADJUSTMENTS

PRECAUTION

1. The adjustment should be performed in the publication.
   (Be sure to male playback adjustment at first.)
2. The adjustments and measurement should be performed for both L-CH and R-CH.
   • Switch position
   DOLBY NR switch　　: OFF
   DIRECTION MODE switch : ⇄
   • Standard record position :
   Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level as follows.

– Record Mode–



Standard Input Level

Input terminal	LINE IN
source impedance	10 kΩ
input signal level	0.5 V (–3.8 dB)

Standard Output Level

Output terminal	LINE OUT
load impedance	47 kΩ
output signal level	0.5 V (–3.8 dB)

Test Tape

Tape	Contents	Use
P-4-A100	10 kHz, –10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	PB Level Adjustment

0 dB = 0.775 V

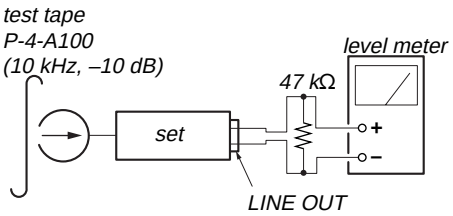
Test Mode

1. Turn ON power switch pressing “REC MUTING” switch of deck A and B at the same time.
   At first, all the fluorescent indicator light up, then the system returns to normal display. (However, “0. 00” is not displayed on the counter.)
2. To release the test mode, turn OFF the power switch.

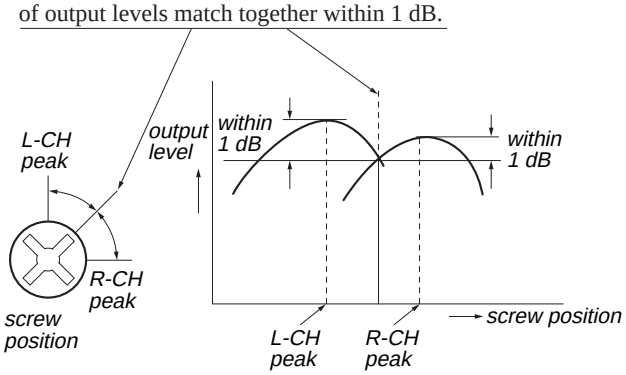
Record/Playback Head Azimuth Adjustment DECK A DECK B

Procedure:

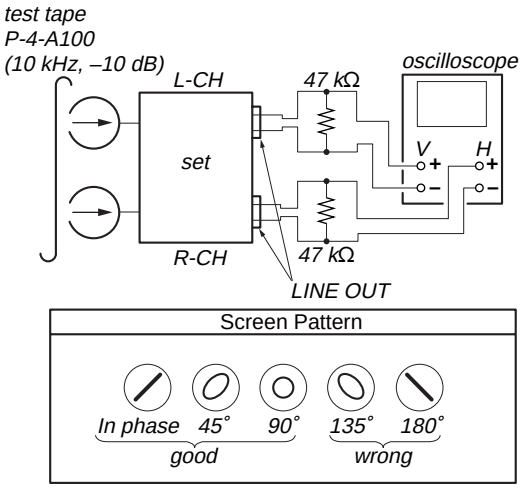
1. Forward Playback Mode



2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1 dB.

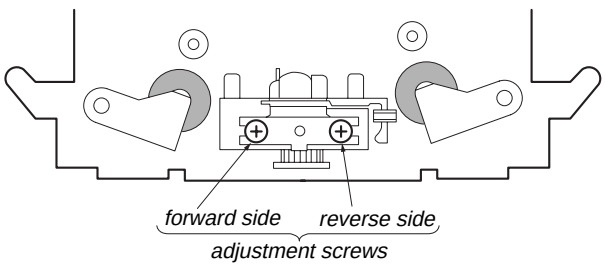


3. Playback Mode



4. Change the reverse playback mode and repeat the steps 1 to 3.
5. After the adjustment, lock the adjustment screws with suitable locking compound.

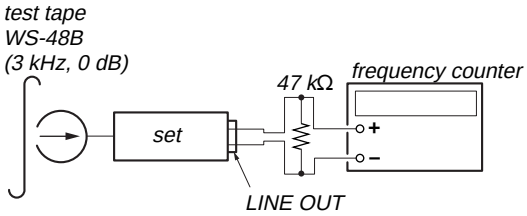
Adjustment Location: –record/playback head–



Tape Speed Adjustment DECK A DECK B

Procedure:

–Forward Playback Mode–



(High speed adjustment)

1. Set to test mode. (Refer to page 8.)
2. Set to FWD playback mode.
3. Twice pressing the HIGH/NORMAL switch.
4. Adjust RV72 so that the frequency counter reading becomes 6,000 ± 20 Hz.
5. Release test mode after adjustment is completed.

(Normal speed adjustment)

1. Set to FWD playback mode.
2. Adjust RV71 so that the frequency counter reading becomes 3,000 ± 10 Hz.

(Pitch control adjustment) (TC-WE725/WE825S only)

1. Push the PITCH CONTROL switch.
2. Set RV902 to mechanical center.
3. Set to FWD playback mode.
4. Adjust RV601 so that the frequency counter reading becomes 3,000 ± 10 Hz.

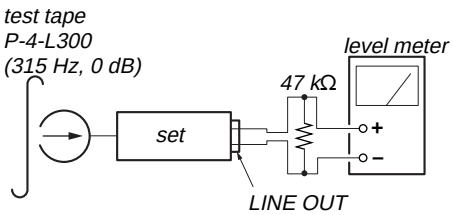
Frequency difference between the beginning and the end of the tape should be within ± 3%.
Frequency difference between the deck A and deck B the beginning of the tape should be within ± 1.5%.

Adjustment Location: AUDIO board, MAIN board
(See page 11.)

Playback Level Adjustment DECK A DECK B

Procedure:

–Forward Playback Mode–



Adjust RV11 (L-CH) and RV21 (R-CH) so the level meter reading becomes the adjustment limits below.

Adjustment Value:

LINE OUT level : –7.7 ± 0.5 dB (0.301 to 0.338 V)

Level difference between channels : within 0.5 dB

Confirm that the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

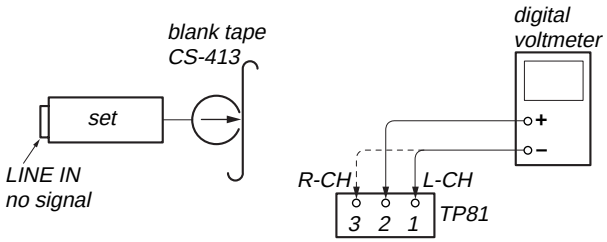
Adjustment Location: AUDIO board (See page 11.)

Bias Consumption Current Adjustment

DECK A DECK B

This adjustment should be performed when replacing the head assy or the bias oscillator transformer (T81, T91).

Procedure:



1. Connect the digital voltmeter to test point TP81.
2. Set RV81 (L-CH), RV91 (R-CH) to mechanical center.
3. Set to FWD record mode.
4. Adjust T81 (L-CH), T91 (R-CH) so that the digital voltmeter reading becomes minimum.

Adjustment Value: Maximum 220 mV

Adjustment Location: AUDIO board (See page 11.)

Record Bias Adjustment

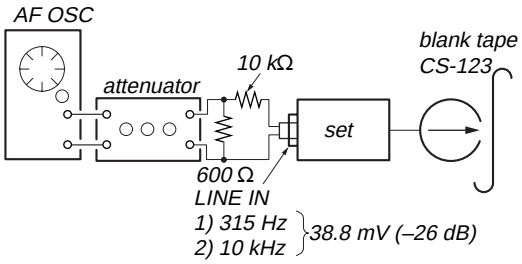
DECK A DECK B

Setting:

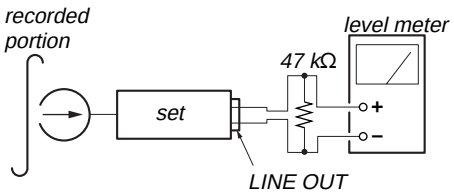
REC LEVEL control : standard record position (See page 8.)

Procedure:

1. Record Mode



2. Playback Mode



Confirm that the 10 kHz playback output is 0 ± 0.5 dB relative to the 315 Hz output. If necessary, adjust RV81 (L-CH), RV91 (R-CH) and repeat the steps given above.

Adjustment Location: AUDIO board (See page 11.)

Record Level Adjustment

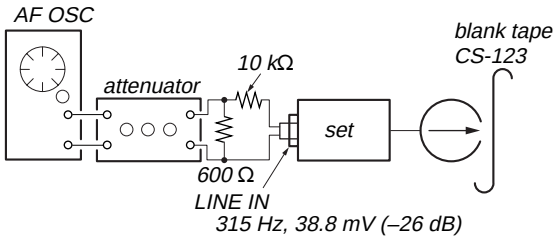
DECK A DECK B

Setting:

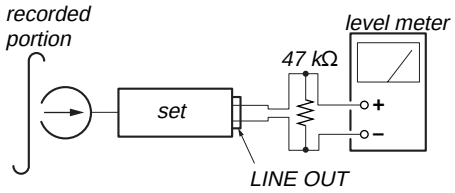
REC LEVEL control : standard record position (See page 8.)

Procedure:

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.

If necessary, adjust Deck A : RV102 (L-CH), RV202 (R-CH) and Deck B : RV101 (L-CH), RV201 (R-CH) and repeat the steps 1 and 2.

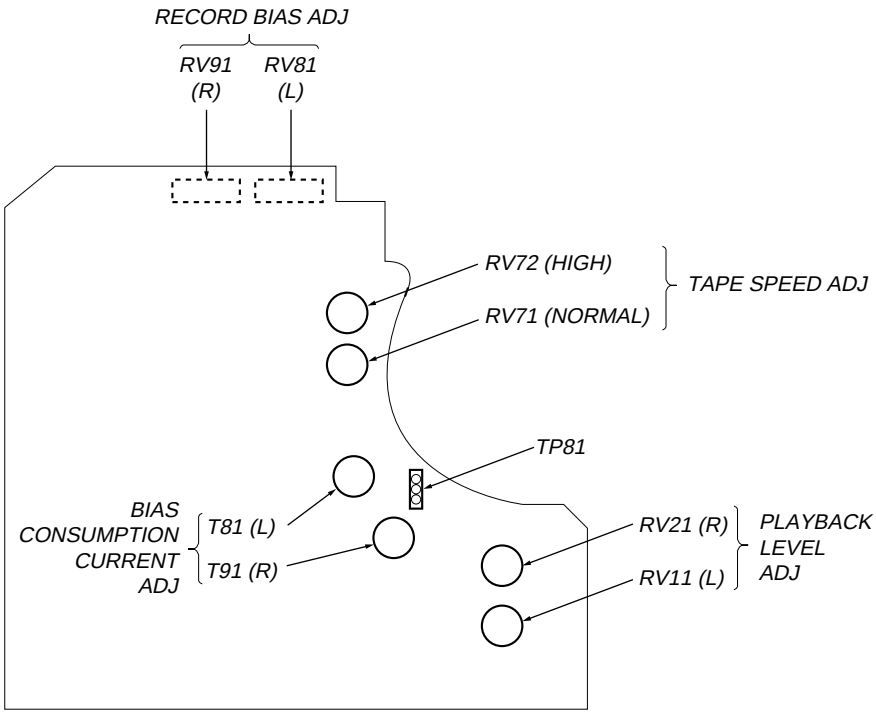
Adjustment Value:

LINE OUT level : –26 ± 0.5 dB (36.7 to 41.1 mV)

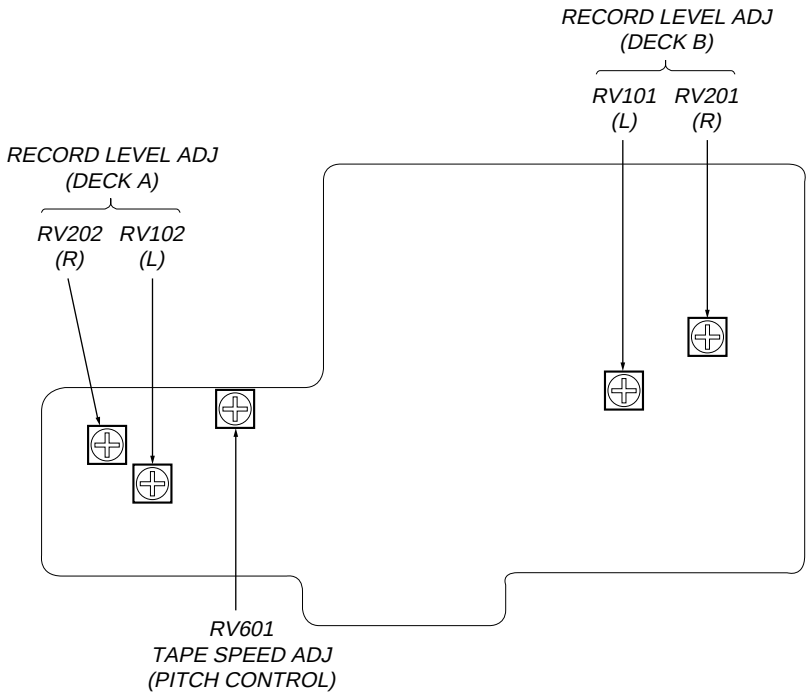
Adjustment Location: MAIN board (See page 11.)

Adjustment Location:

–audio board (component side)–



–main board (component side)–



SECTION 5
DIAGRAMS

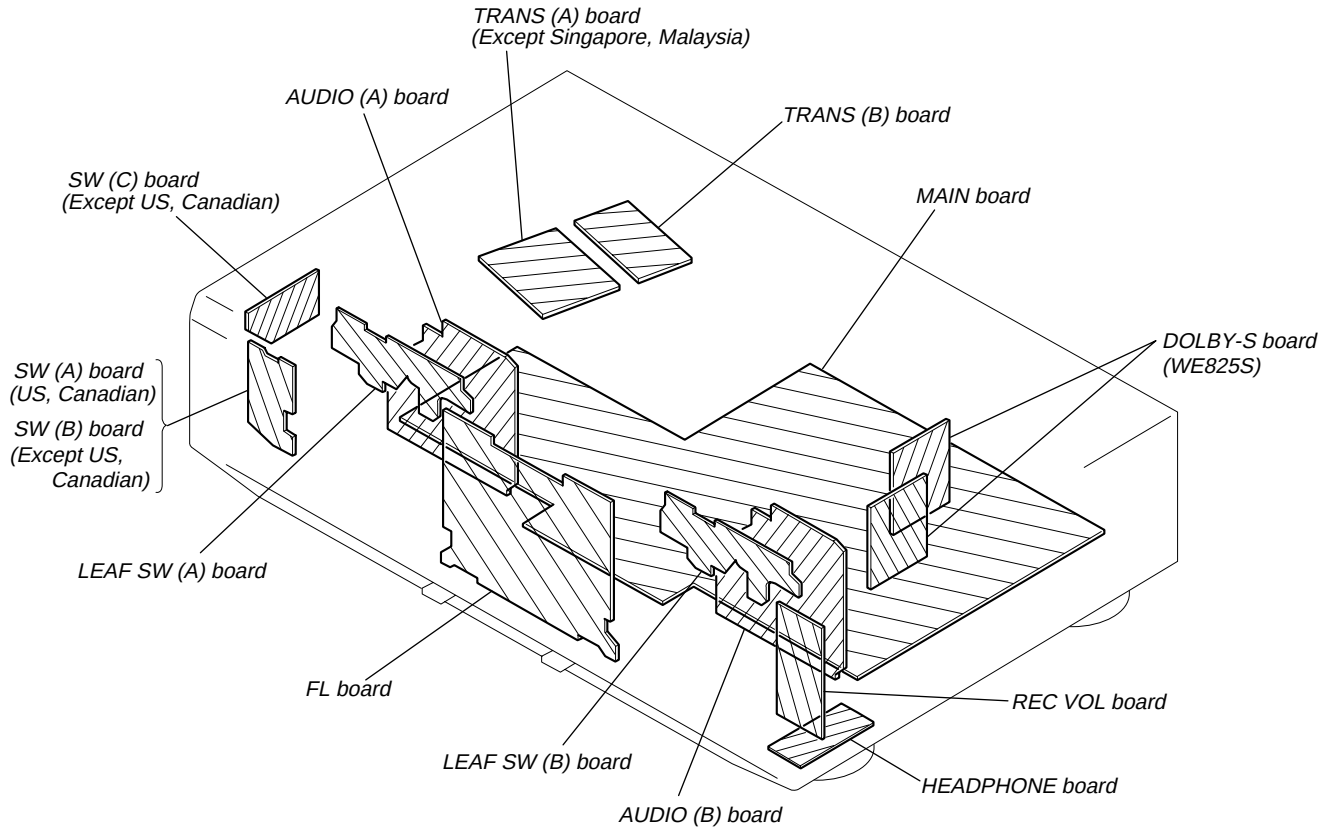
5-1. IC PIN DESCRIPTION

• IC801 CXP82432A-006Q (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Pin Description
1	T-REEL (A)	I	Take-up reel rotation detection input (DECK A)
2	S-REEL (B)	I	Supply reel rotation detection input (DECK B)
3	T-REEL (B)	I	Take-up reel rotation detection input (DECK B)
4	SIRCS IN	I	Sircs signal input
5	POWER IN	I	Power-off detection input
6	VOL OUT	O	Record level control output (PWM)
7	A/B SEL	I	Playback A/B selector input “L” : A, “H” : B
8	CONTROL-A IN	I	Control A signal input
9	CONTRL-A OUT	O	Control A signal output
10	REC MUTE (A)	O	Recording mute output (DECK A) “L” : Mute ON
11	REC CAL 0 (A)	O	Recording CAL-0 output for auto calibration. (DECK A)
12	REC CAL 1 (A)	O	Recording CAL-1 output for auto calibration. (DECK A)
13	GP CAL 0 (A)	O	GEQ CAL-0 output for auto calibration. (DECK A)
14	GP CAL 1 (A)	O	GEQ CAL-1 output for auto calibration. (DECK A)
15	REC/$\overline{\text{PB}}$	O	Record/playback dolby NR mode selector output “L” : Playback
16	REC MUTE (B)	O	Recording mute output (DECK B) “L” : Mute ON
17	AMS IN	I	AMS signal input “L” : Music present
18	CAL/$\overline{\text{OFF}}$/$\overline{\text{S}}$	O	Audio selector “H” : CAL, “Open” : Dolby off, “L” : Dolby S
19	C/$\overline{\text{B}}$/$\overline{\text{OFF}}$	O	Dolby selector “H” : C, “Open” : B, “L” : Dolby off
20	REC CAL 0 (B)	O	Recording CAL-0 output for auto calibration. (DECK B)
21	REC CAL 1 (B)	O	Recording CAL-1 output for auto calibration. (DECK B)
22	GP CAL 0 (B)	O	GEQ CAL-0 output for auto calibration. (DECK B)
23	GP CAL 1 (B)	O	GEQ CAL-1 output for auto calibration. (DECK B)
24	POWER OUT	O	Power hold output
25	RECEQ HIGH/$\overline{\text{NORM}}$	O	REC EQ high/normal select output “L” : Normal
26	PASS/$\overline{\text{MUTE}}$/$\overline{\text{DOLBY}}$	O	Audio selector “H” : Pass, “Open” : Mute, “L” : Dolby
27	BS/$\overline{\text{AMS}}$/$\overline{\text{OFF}}$	O	AMS amp selector “H” : BS, “Open” : AMS, “L” : OFF
28	EX IN 0	I	Expander control input (0)
29	EX IN 1	I	Expander control input (1)
30	EXP CTRL 0	O	Expander control output (0)
31	EXP CTRL 1	O	Expander control output (1)
32	A/D IN 0	I	Expander A/D input (0)
33	A/D IN 1	I	Expander A/D input (1)
34	KEY 5	I	Key 5 input (A/D converter)
35	VOL IN	I	Record volume input (A/D converter)
36	TEST/PITCH/VER	I	Test mode/pitch control/version input
37	CD SYNC LED	O	CD SYNCHRO LED driver “L” : ON
38	$\overline{\text{RESET}}$	I	System reset input
39	EXTAL	I	System clock oscillator input (10 MHz)
40	XTAL	O	System clock oscillator output (10 MHz)
41	VSS	—	Ground
42	TX	—	Connected to ground.
43	TEX	—	Connected to ground.
44	ARL LED	O	ARL LED driver “H” : ON
45	PITCH ON/OFF	O	Pitch control ON/OFF output “L” : ON
46	AVREF	I	Reference voltage input for A/D converter.
47	AVSS	—	Ground for A/D converter.
48	LINE MUTE	O	Line mute ON/OFF control output “L” : Mute ON
49	OSC H/L	O	OSC frequency H/L select output for auto calibration.
50	OSC ON/OFF	O	OSC ON/OFF select output for auto calibration.
51	BIAS CAL 0 (B)	O	EQ bias CAL-0 output for auto calibration. (DECK B)

Pin No.	Pin Name	I/O	Pin Description
52	BIAS CAL 1 (B)	O	EQ bias CAL-1 output for auto calibration. (DECK B)
53	BIAS CAL 2 (B)	O	EQ bias CAL-2 output for auto calibration. (DECK B)
54	BIAS CAL 3 (B)	O	EQ bias CAL-3 output for auto calibration. (DECK B)
55	BIAS CAL 0 (A)	O	EQ bias CAL-0 output for auto calibration. (DECK A)
56	BIAS CAL 1 (A)	O	EQ bias CAL-1 output for auto calibration. (DECK A)
57	BIAS CAL 2 (A)	O	EQ bias CAL-2 output for auto calibration. (DECK A)
58	BIAS CAL 3 (A)	O	EQ bias CAL-3 output for auto calibration. (DECK A)
59	CAP.M (B)	O	Capstan motor driver output (DECK B) “H” : ON
60	CAP.M (A)	O	Capstan motor driver output (DECK A) “H” : ON
61	CAP.M H/L	O	Capstan motor high/normal select output “L” : ON
62 – 77	P16 – P1	O	Fluorescent indicator tube segment driver
78 – 85	G1 – G8	O	Fluorescent indicator tube grid driver
86	G6,G7	O	Fluorescent indicator tube grid driver
87	G7,G8	O	Fluorescent indicator tube grid driver
88	VFDP	—	Fluorescent indicator tube power supply (-28 V)
89	VDD	—	Power supply (+5 V)
90	N.C	—	Connected to power supply.
91	VSS	—	Ground
92	REEL (A) +	O	Reel motor (+) output (DECK A)
93	REEL (A) -	O	Reel motor (-) output (DECK A)
94	REEL (B) +	O	Reel motor (+) output (DECK B)
95	REEL (B) -	O	Reel motor (-) output (DECK B)
96	BIAS (A)	O	Bias ON/OFF output (DECK A) “H”:ON
97	RELAY (A)	O	Relay record/playback selector output (DECK A) “L” : Record
98	BIAS (B)	O	Bias ON/OFF output (DECK B) “H” : ON
99	RELAY (B)	O	Relay record/playback selector output (DECK B) “L” : Record
100	S-REEL (A)	I	Supply reel rotation detection input (DECK A)

5-2. CIRCUIT BOARDS LOCATION



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

• For printed wiring boards.
- ⟜ : parts extracted from the component side.
- ○ : Through hole.
- ▒ : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

: Chip transistor of abbreviation (E, C, B) BCE

• For schematic diagrams.
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- : fusible resistor.
- : panel designation.

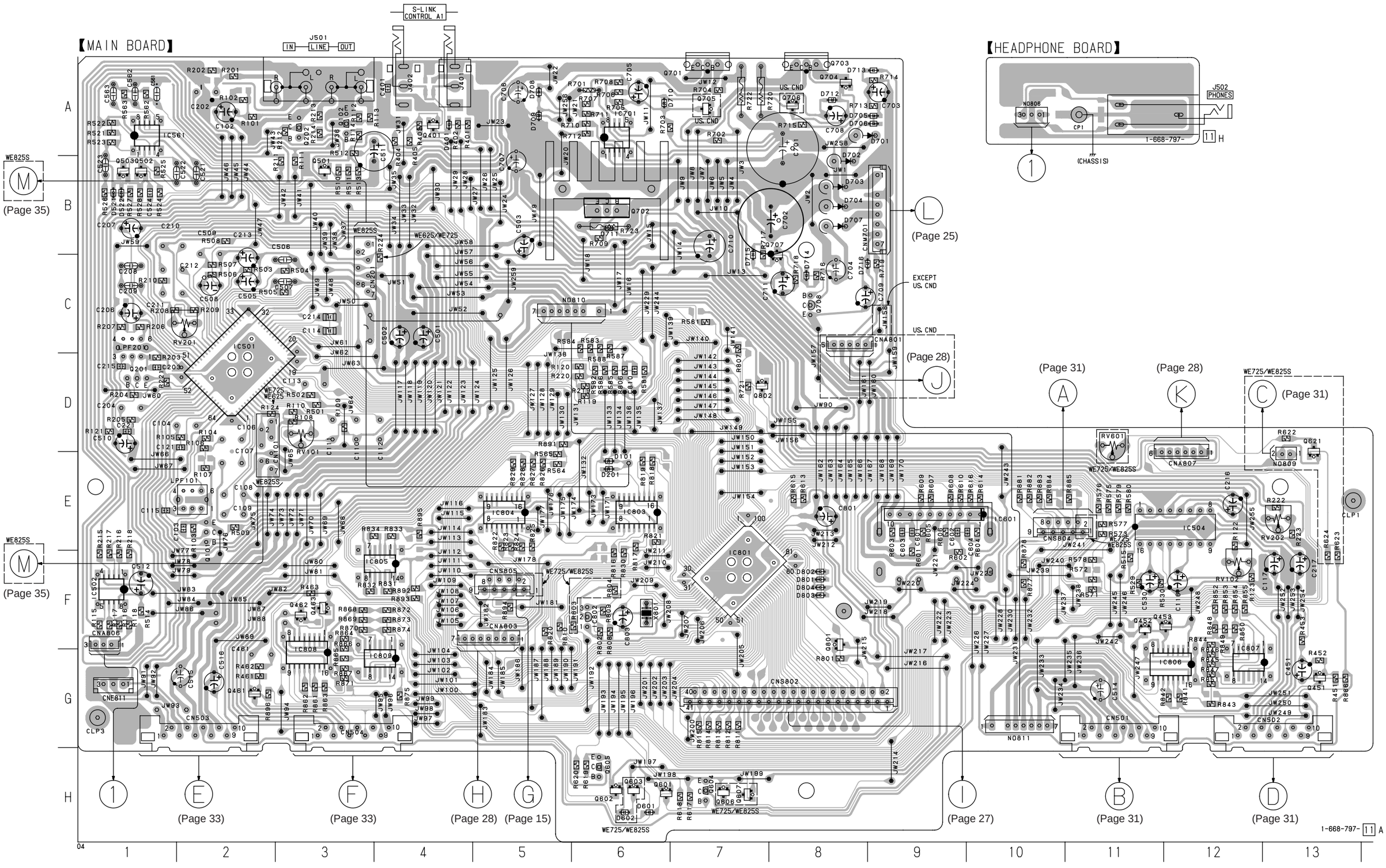
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- B+ : B+ Line.
- B− : B– Line.
- : adjustment for repair.
- Voltage is dc with respect to ground under no-signal (detuned) condition.

no mark : PB (DECK A)
( ) : REC (DECK A)
< > : PB (DECK B)
[ ] : REC (DECK B)
<< >> : STOP
∗ : Impossible to measure

- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : PB (DECK A)
  : REC (DECK A)
  : PB (DECK B)
  : REC (DECK B)
- Abbreviation
  CND : Canadian model.
  AUS : Australian model.
  SP : Singapore model.
  MY : Malaysia model.
  CH : Chinese model.

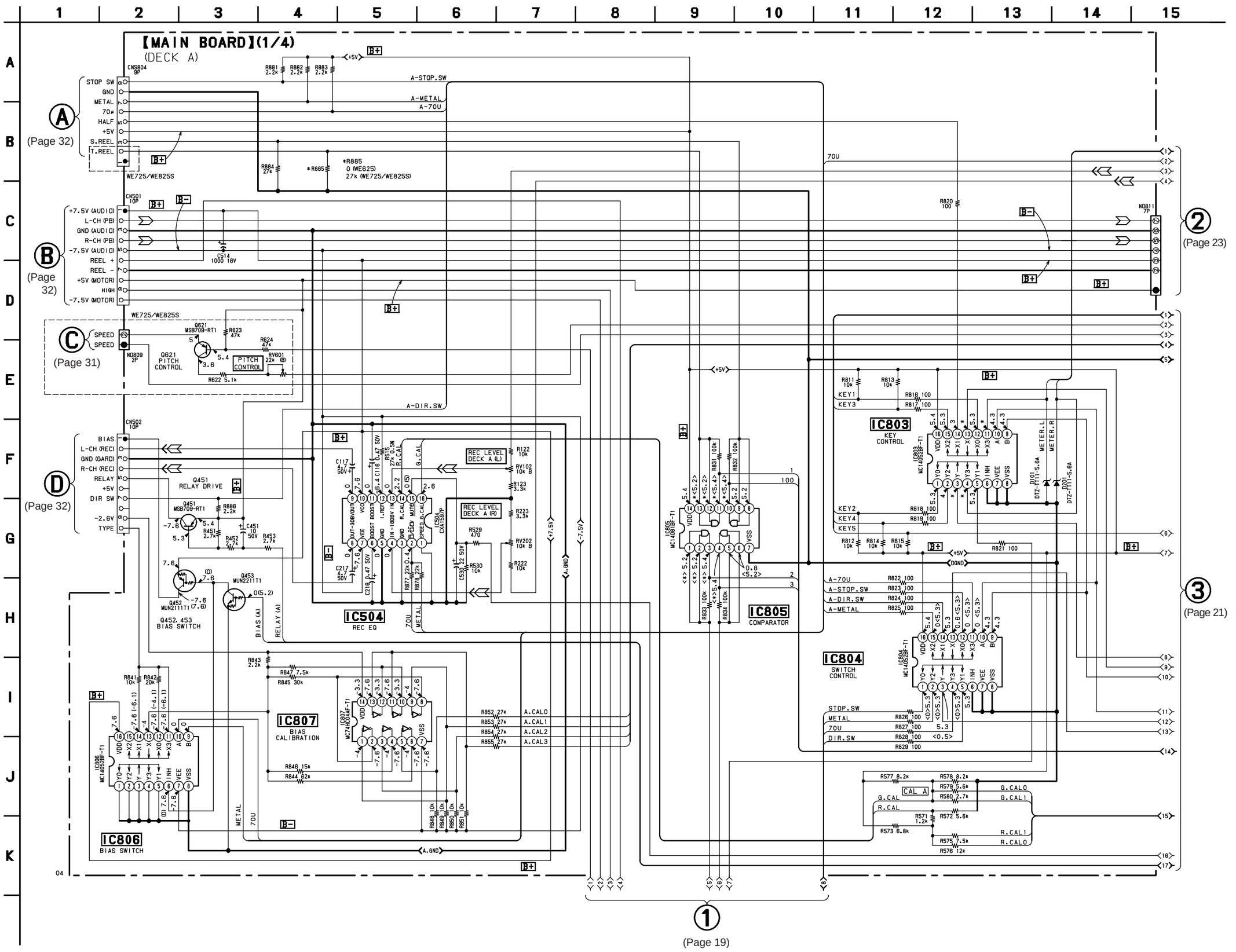
5-3. PRINTED WIRING BOARDS — MAIN SECTION —



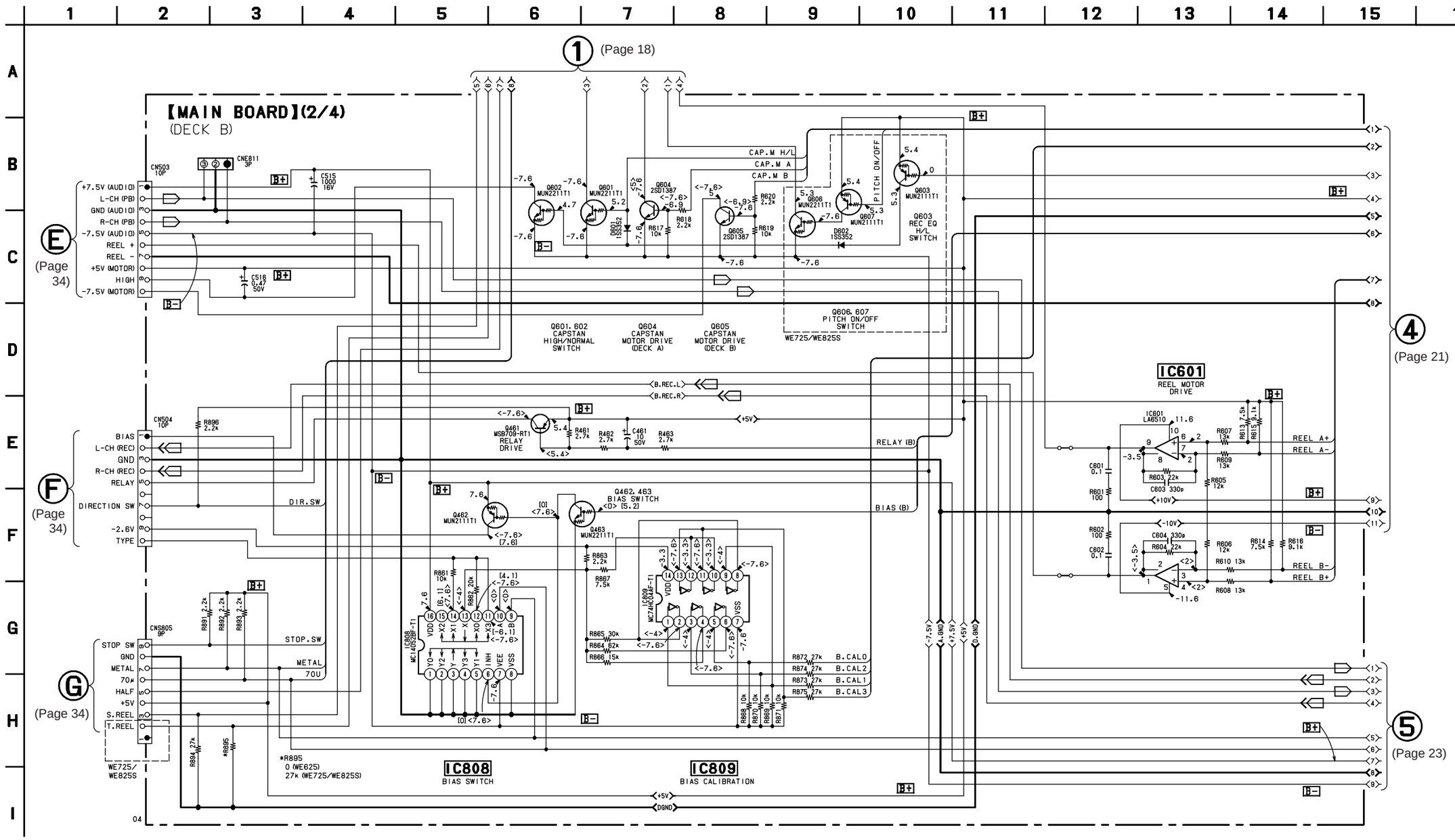
5-4. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) — • Refer to page 37 for IC Block Diagrams.

• **Semiconductor Location**

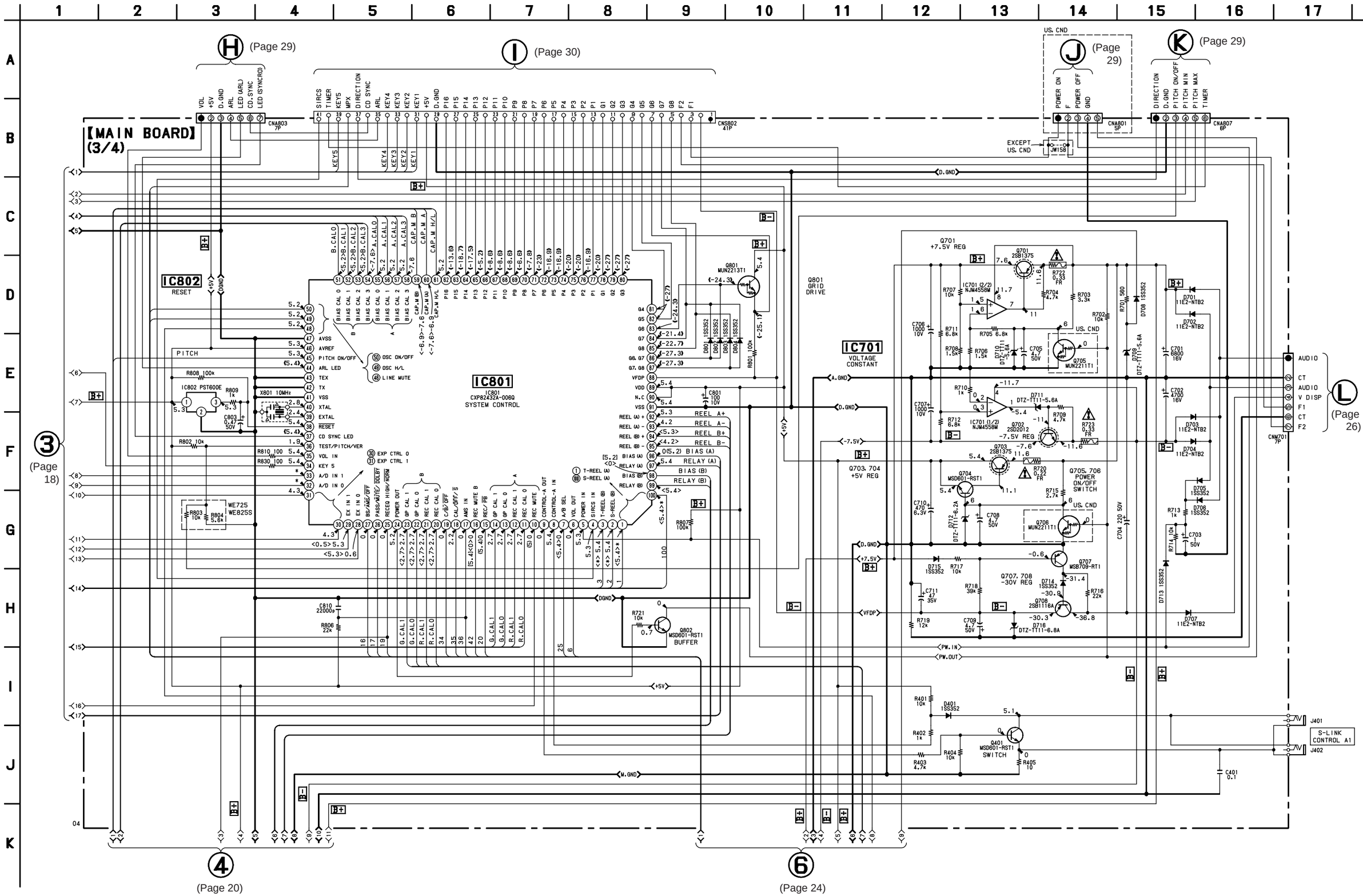
Ref. No.	Location
D101	E-6
D201	E-6
D401	A-4
D521	B-1
D522	B-1
D601	H-6
D602	H-6
D701	A-9
D702	A-8
D703	B-8
D704	B-8
D705	A-8
D706	A-8
D707	B-8
D708	A-5
D709	A-5
D710	A-6
D711	B-6
D712	A-8
D713	A-8
D714	C-8
D715	B-7
D716	C-8
D801	F-8
D802	F-8
D803	F-8
D804	F-8
IC501	C-2
IC502	F-1
IC504	E-12
IC561	A-1
IC601	E-10
IC701	A-6
IC801	F-7
IC802	F-6
IC803	E-6
IC804	E-5
IC805	F-4
IC806	G-12
IC807	G-12
IC808	G-3
IC809	G-4
Q101	E-2
Q102	A-3
Q201	D-1
Q202	A-3
Q401	A-4
Q451	G-13
Q452	F-11
Q453	F-12
Q461	G-2
Q462	F-3
Q463	F-3
Q501	B-3
Q502	B-1
Q503	B-1
Q601	H-6
Q602	H-6
Q603	H-6
Q604	H-7
Q605	H-6
Q606	H-7
Q607	H-7
Q621	D-13
Q701	A-7
Q702	B-6
Q703	A-8
Q704	A-8
Q705	A-7
Q706	A-8
Q707	B-8
Q708	C-8
Q801	F-8
Q802	D-7



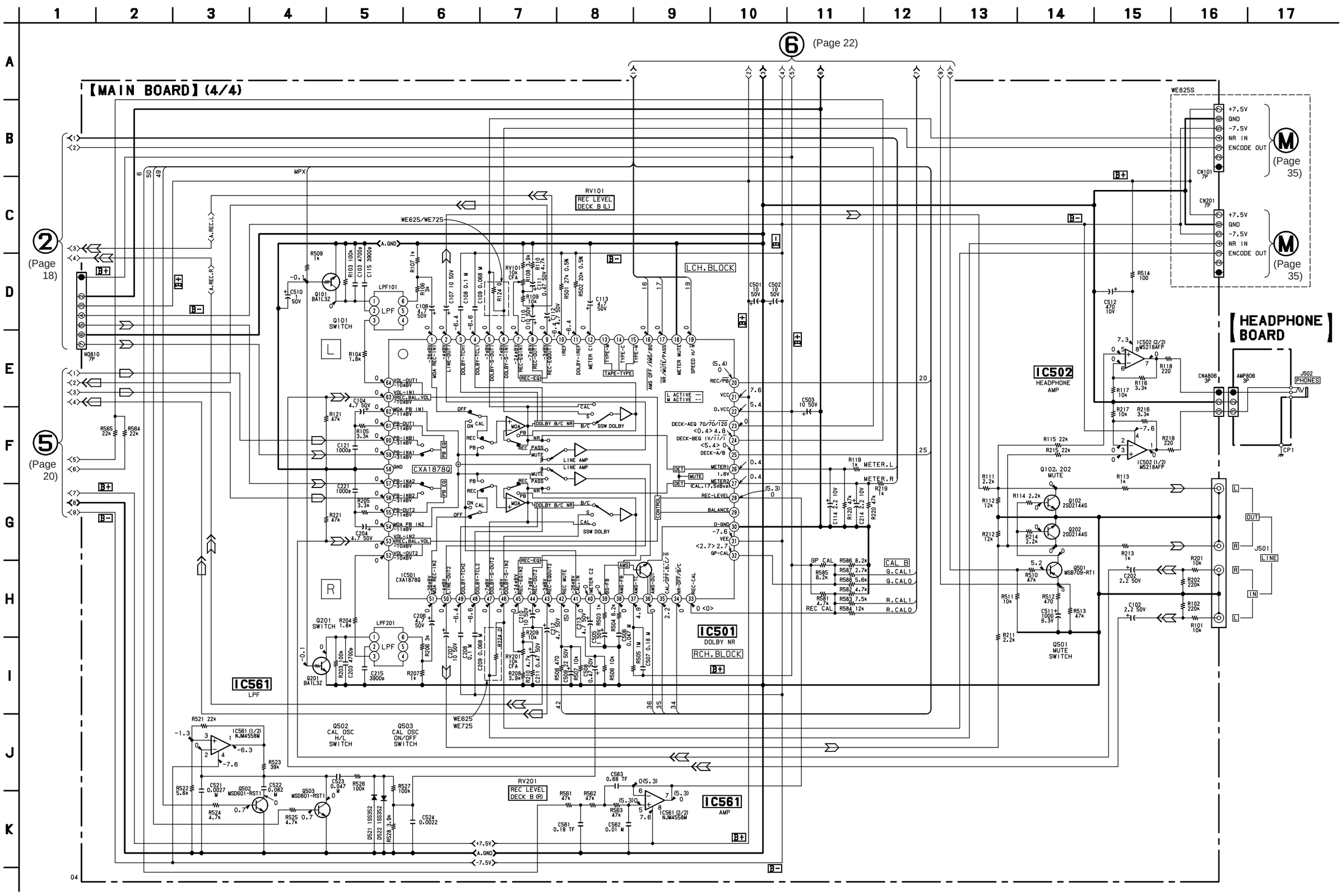
5-5. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) — • Refer to page 37 for IC Block Diagrams.



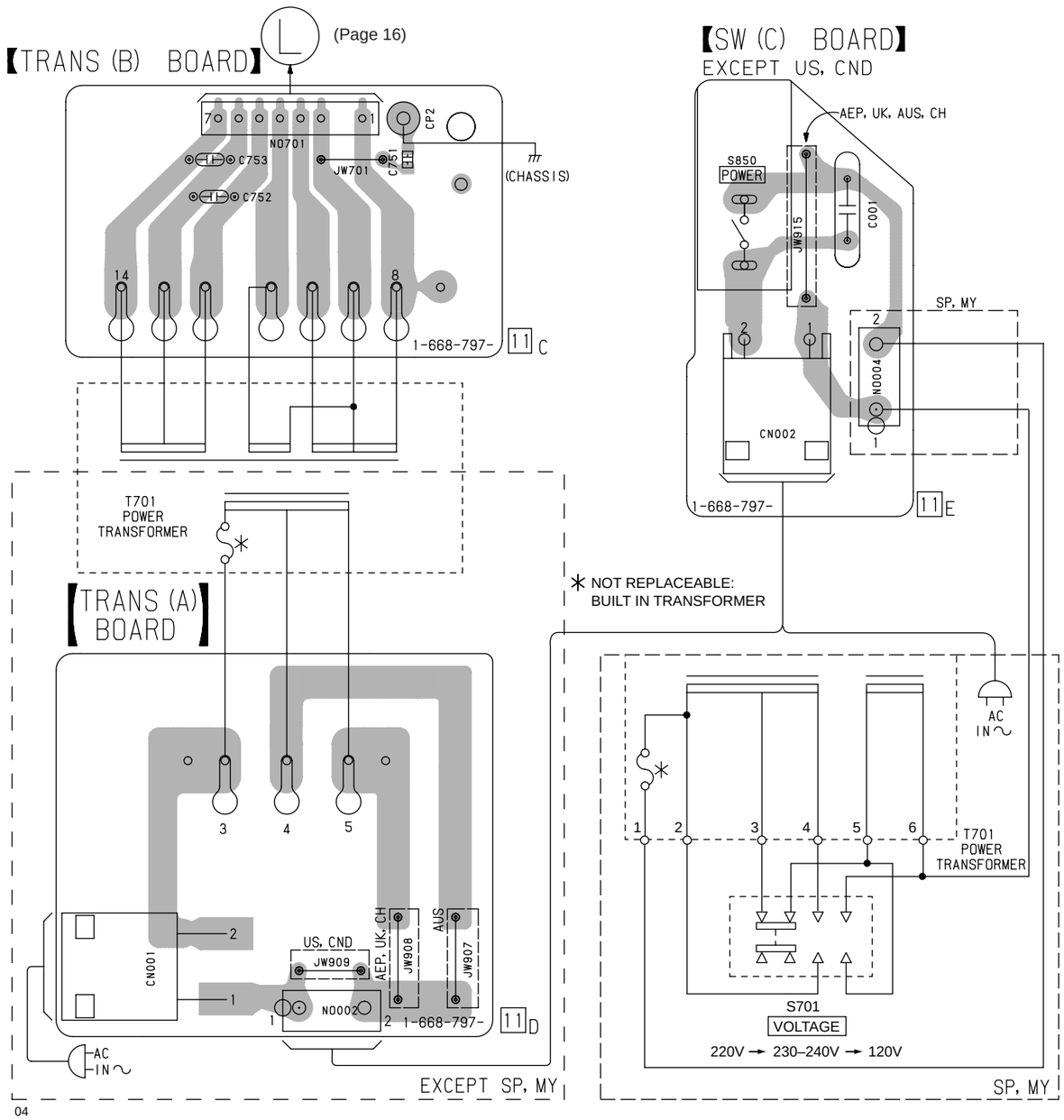
5-6. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) —



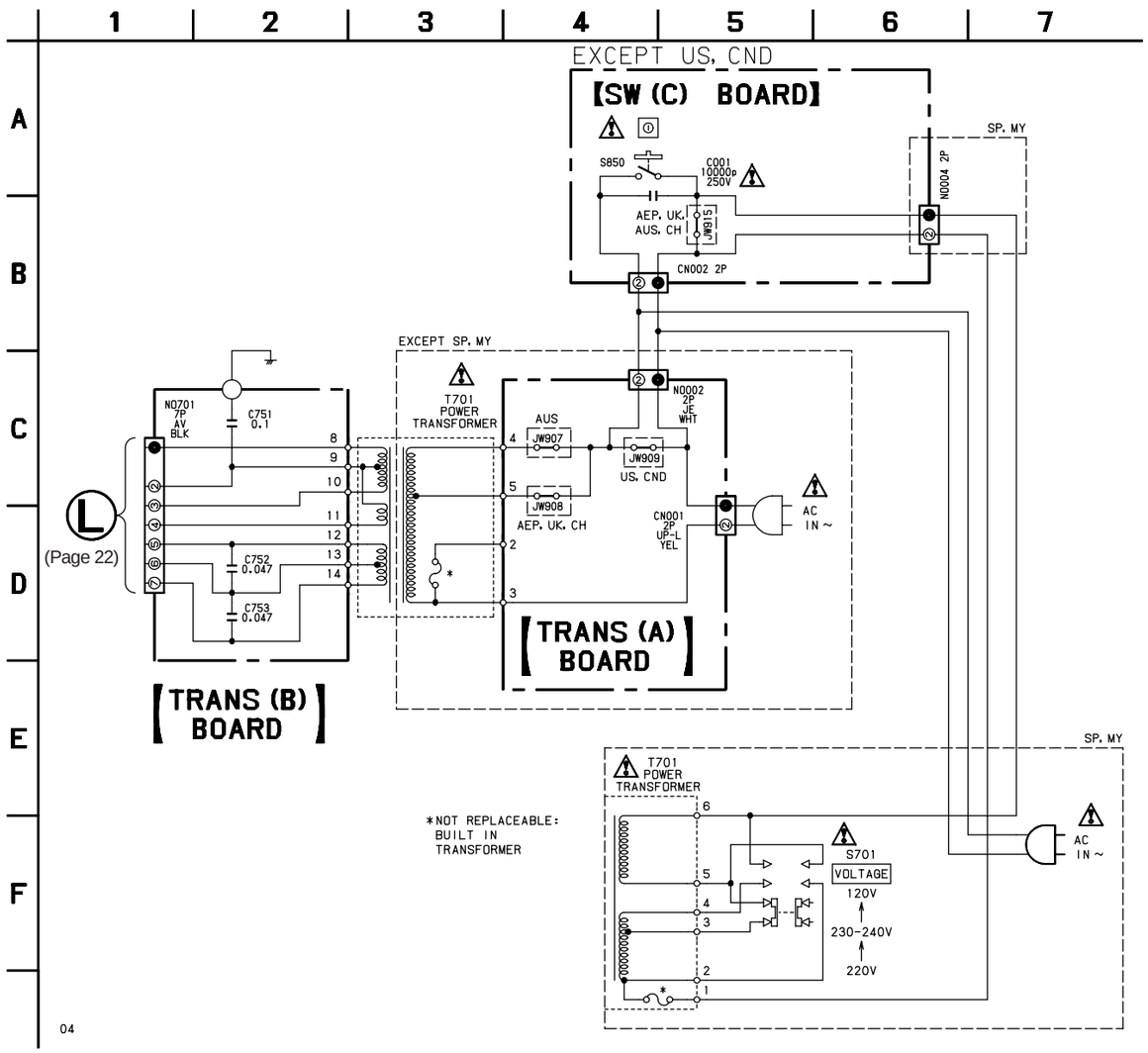
5-7. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) —



5-8. PRINTED WIRING BOARDS — POWER SECTION —

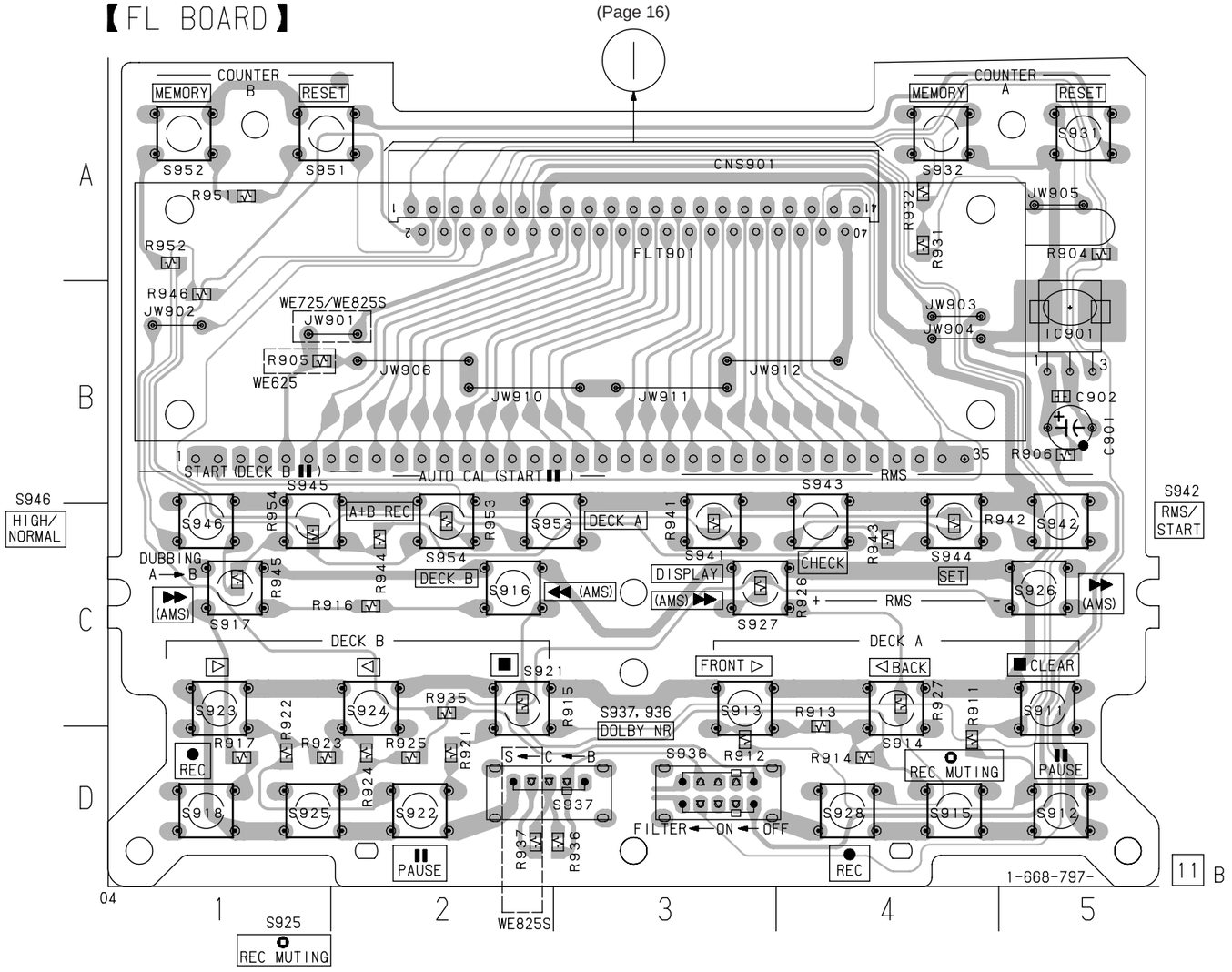


5-9. SCHEMATIC DIAGRAM — POWER SECTION —

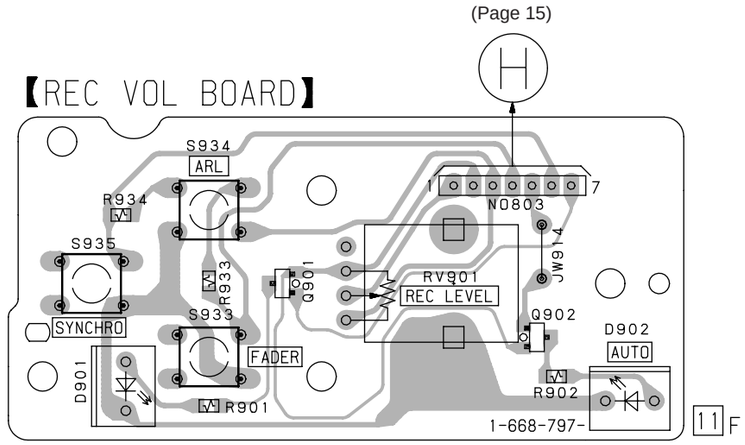


5-10. PRINTED WIRING BOARDS — PANEL SECTION —

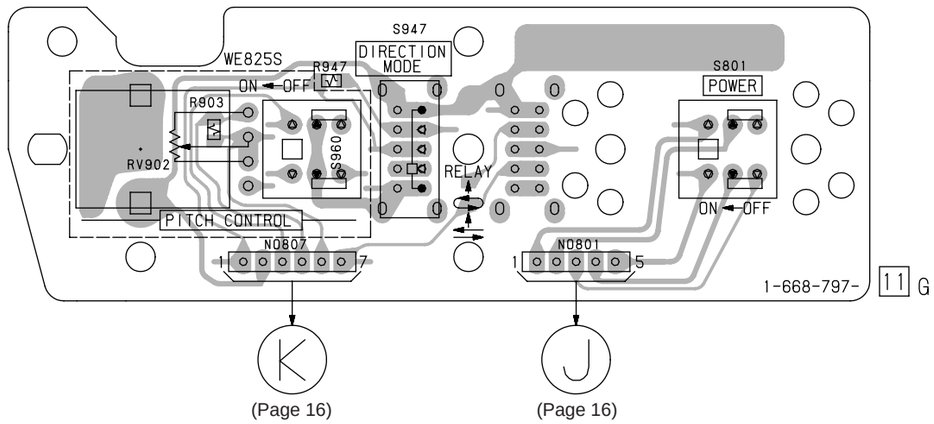
【FL BOARD】



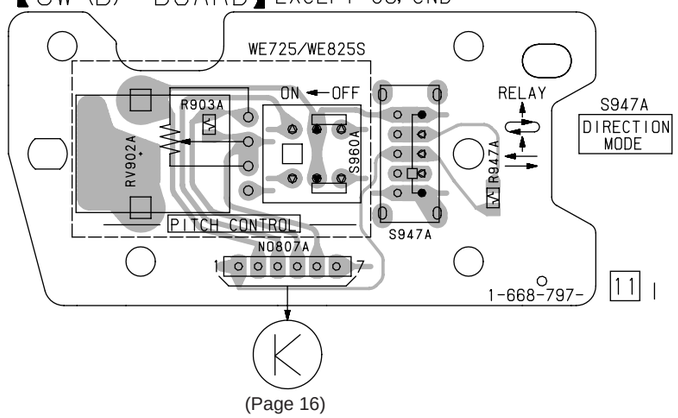
【REC VOL BOARD】



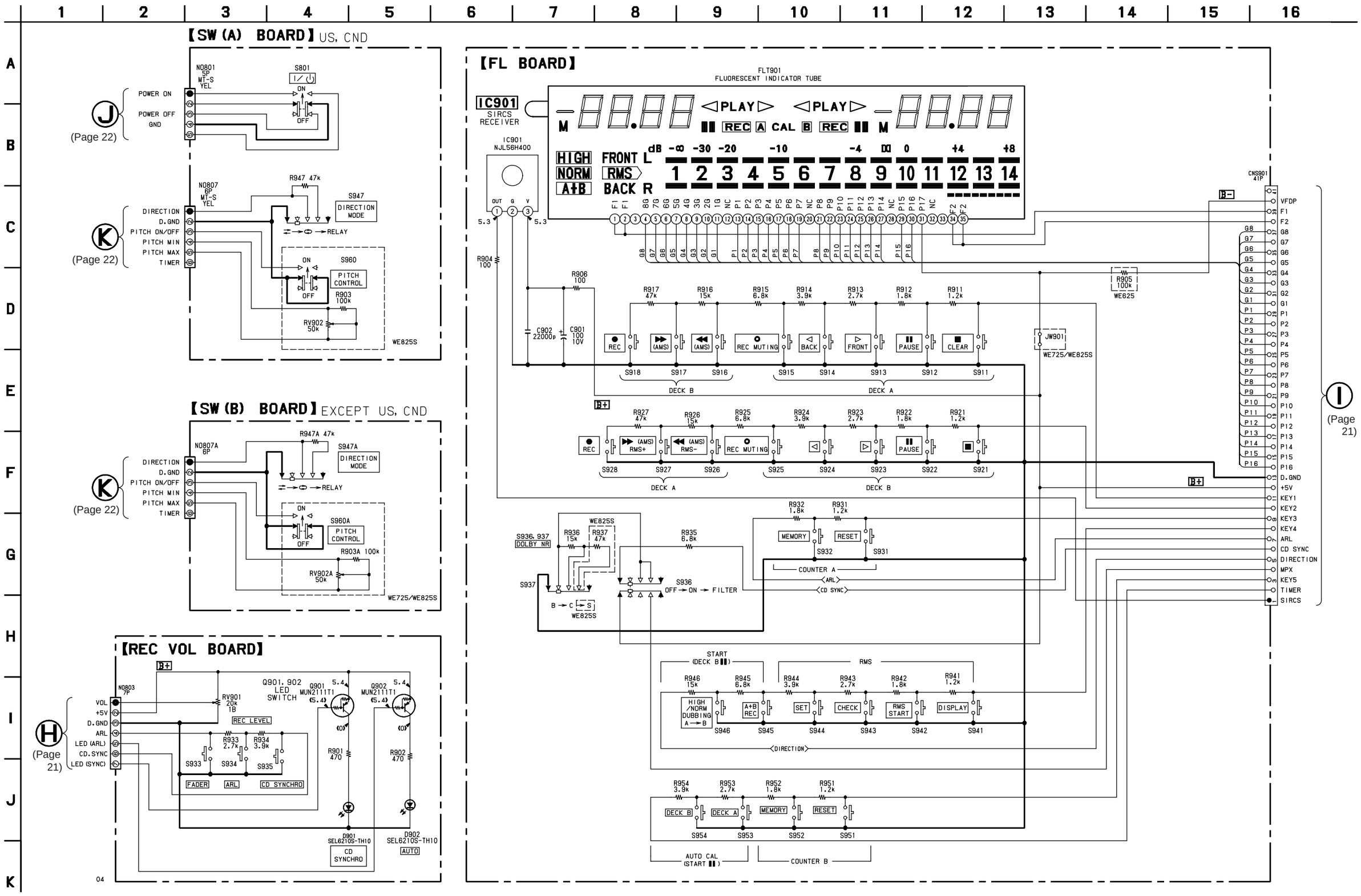
【SW (A) BOARD】US, CND



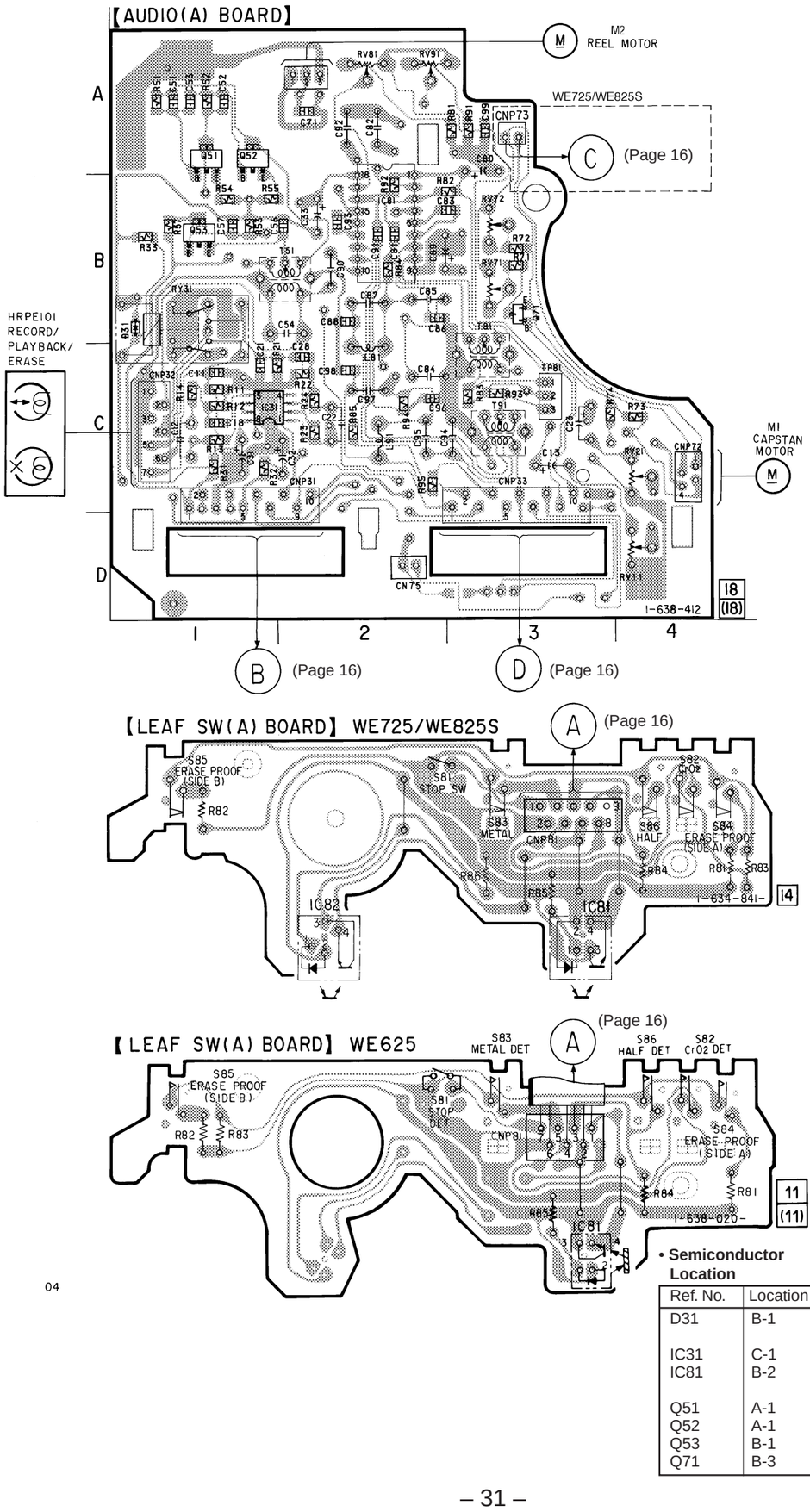
【SW (B) BOARD】EXCEPT US, CND



5-11. SCHEMATIC DIAGRAM — PANEL SECTION —



5-12. PRINTED WIRING BOARDS — DECK A SECTION —

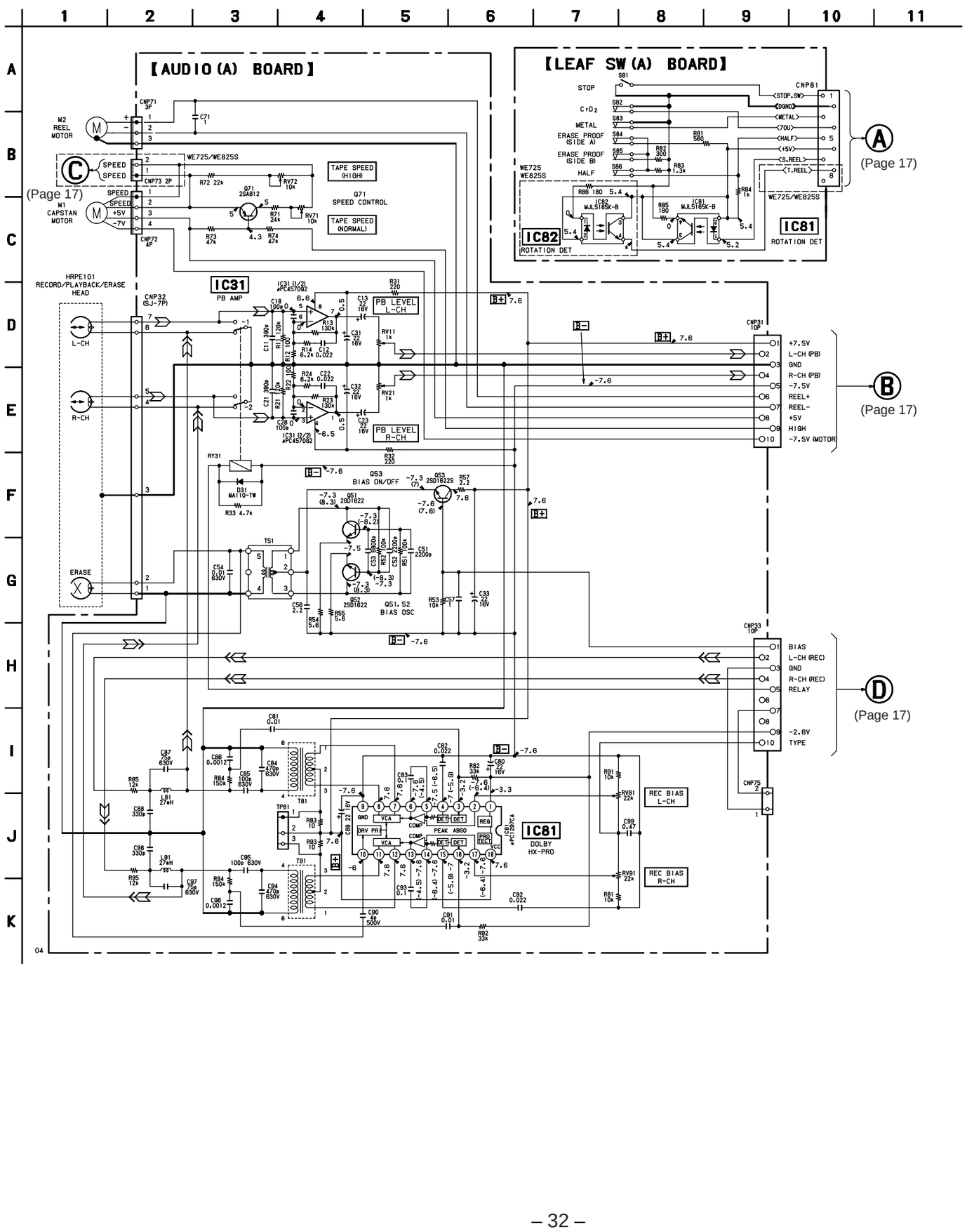


04

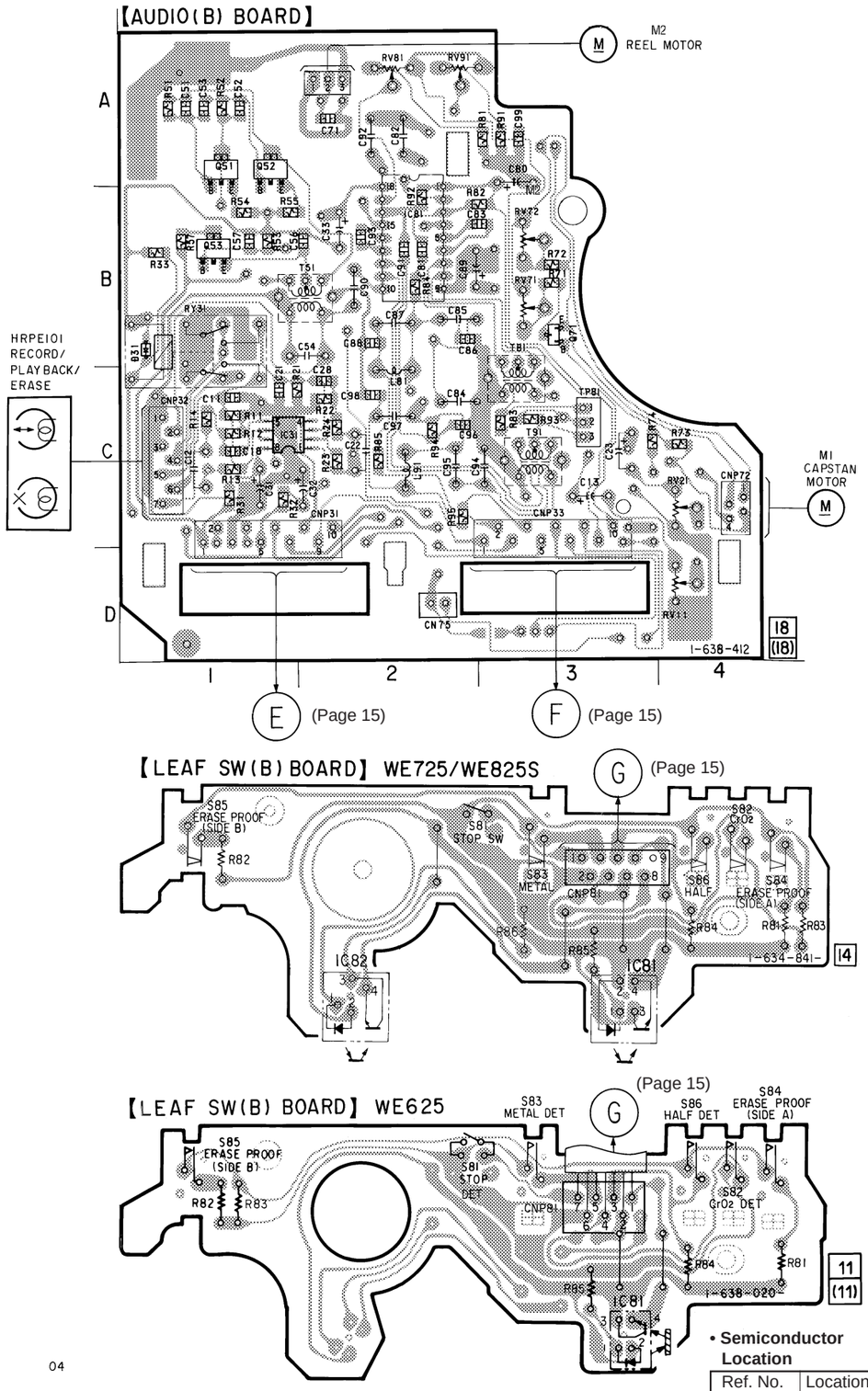
- **Semiconductor Location**

Ref. No.	Location
D31	B-1
IC31	C-1
IC81	B-2
Q51	A-1
Q52	A-1
Q53	B-1
Q71	B-3

5-13. SCHEMATIC DIAGRAM — DECK A SECTION —



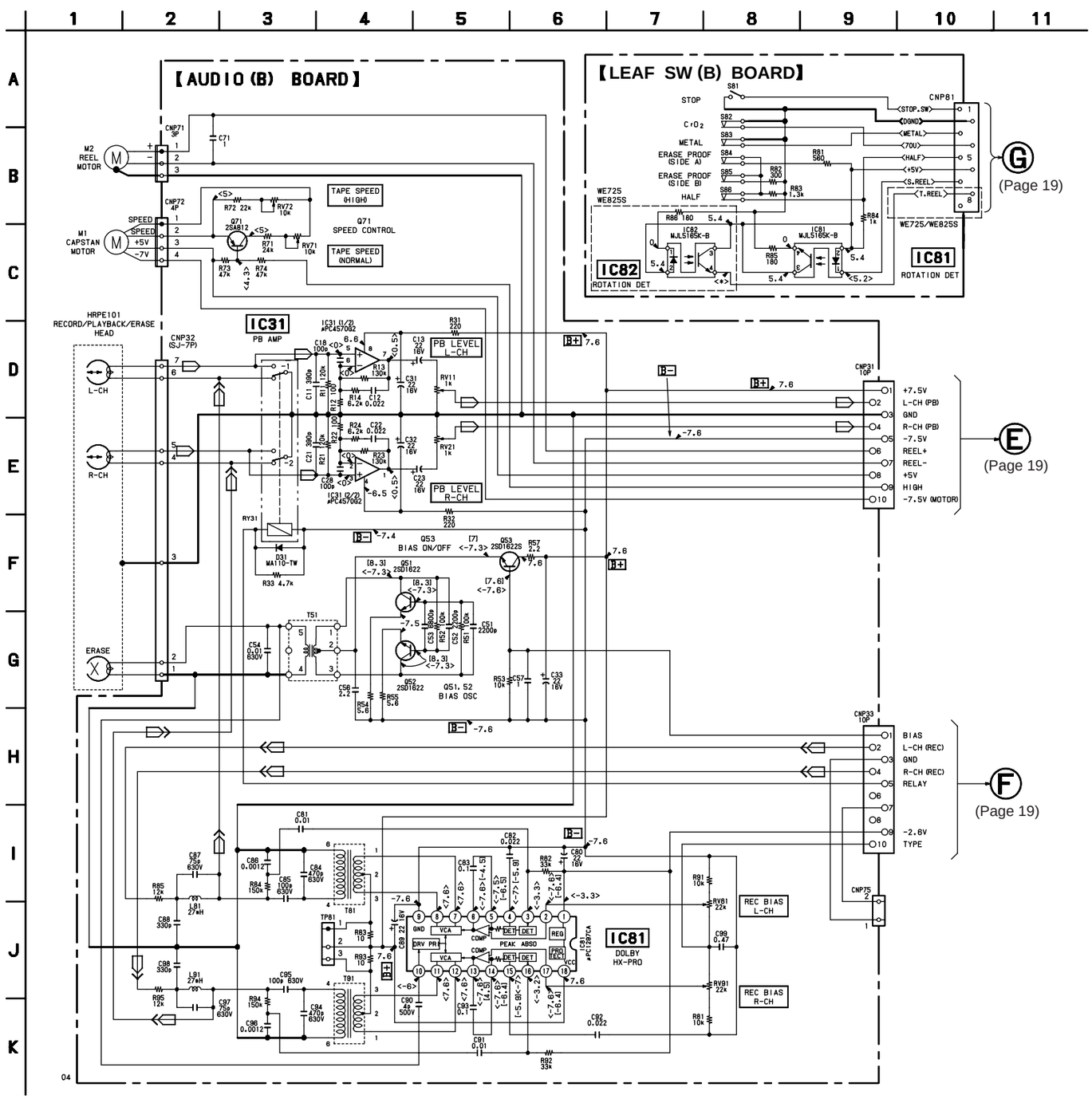
5-14. PRINTED WIRING BOARDS — DECK B SECTION —



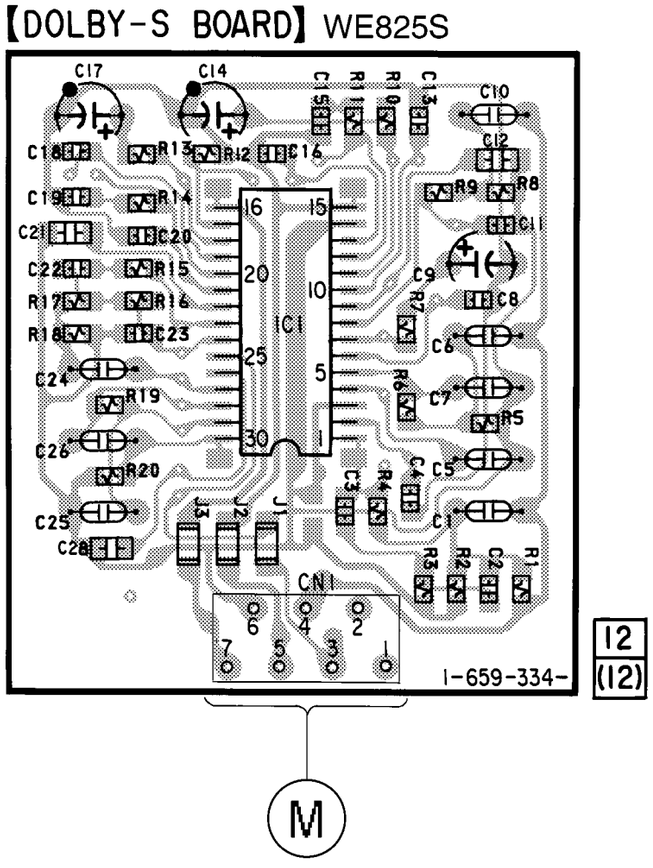
- **Semiconductor Location**

Ref. No.	Location
D31	B-1
IC31	C-1
IC81	B-2
Q51	A-1
Q52	A-1
Q53	B-1
Q71	B-3

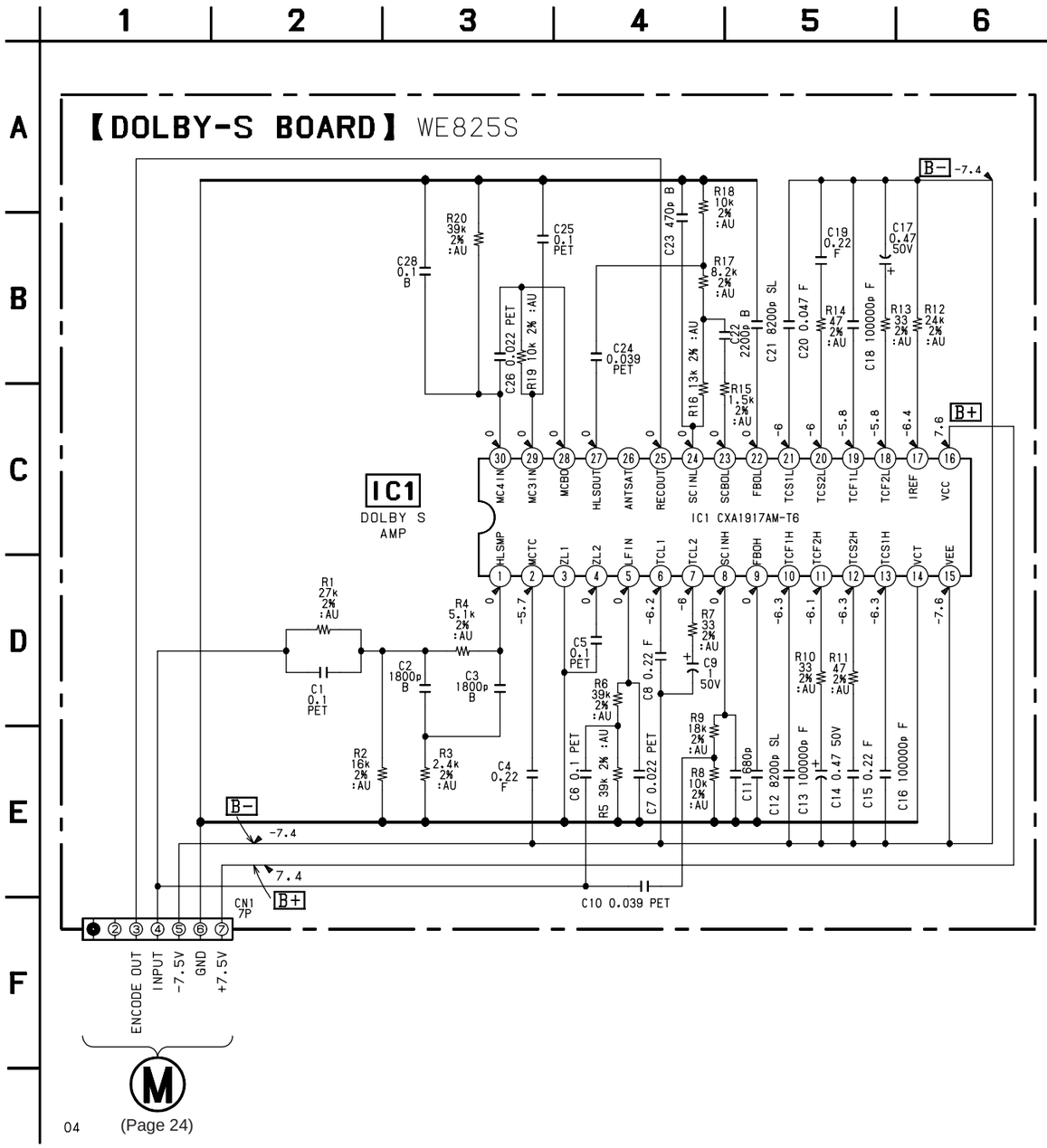
5-15. SCHEMATIC DIAGRAM — DECK B SECTION —



5-16. PRINTED WIRING BOARD — DOLBY-S SECTION (TC-WE825S only) —

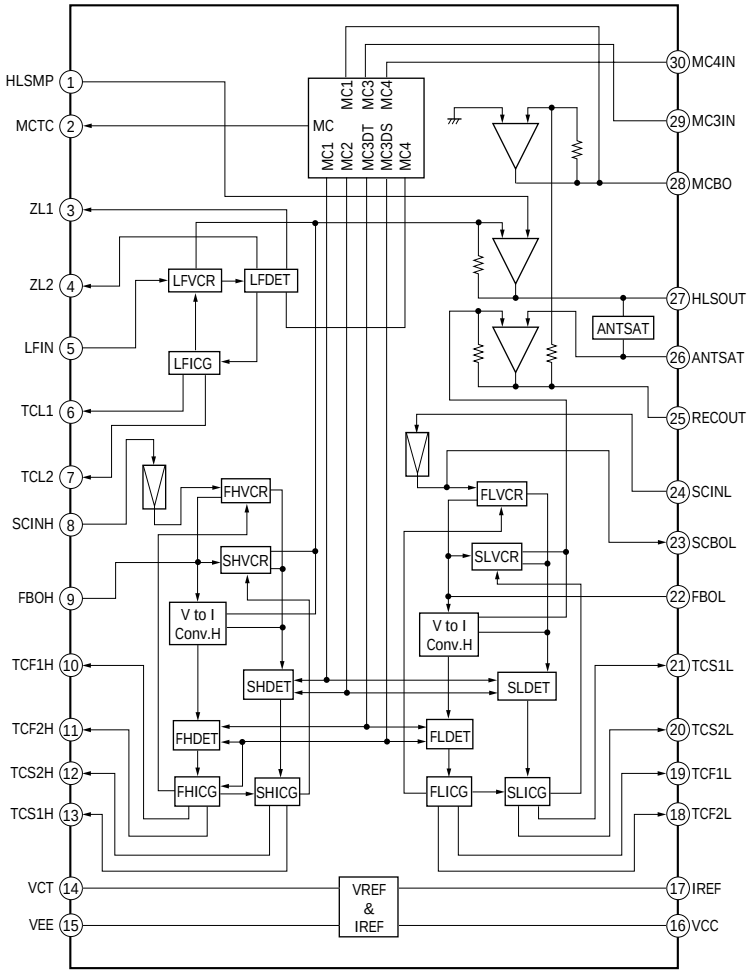


5-17. SCHEMATIC DIAGRAM — DOLBY-S SECTION (TC-WE825S only) —

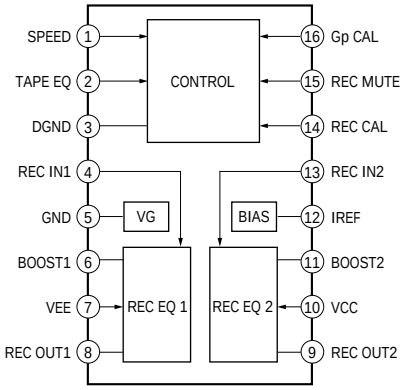


• **IC Block Diagrams**

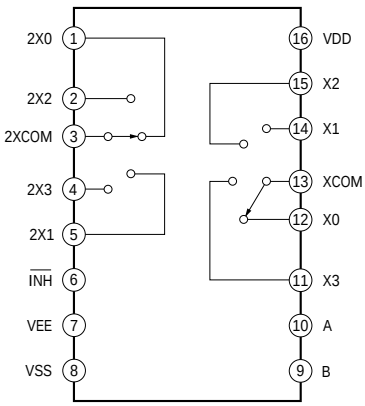
IC1 CXA1917AM-T6 (TC-WE825S only)



IC504 CXA1597P



IC803, 804, 806, 808 MC14052BF-T1

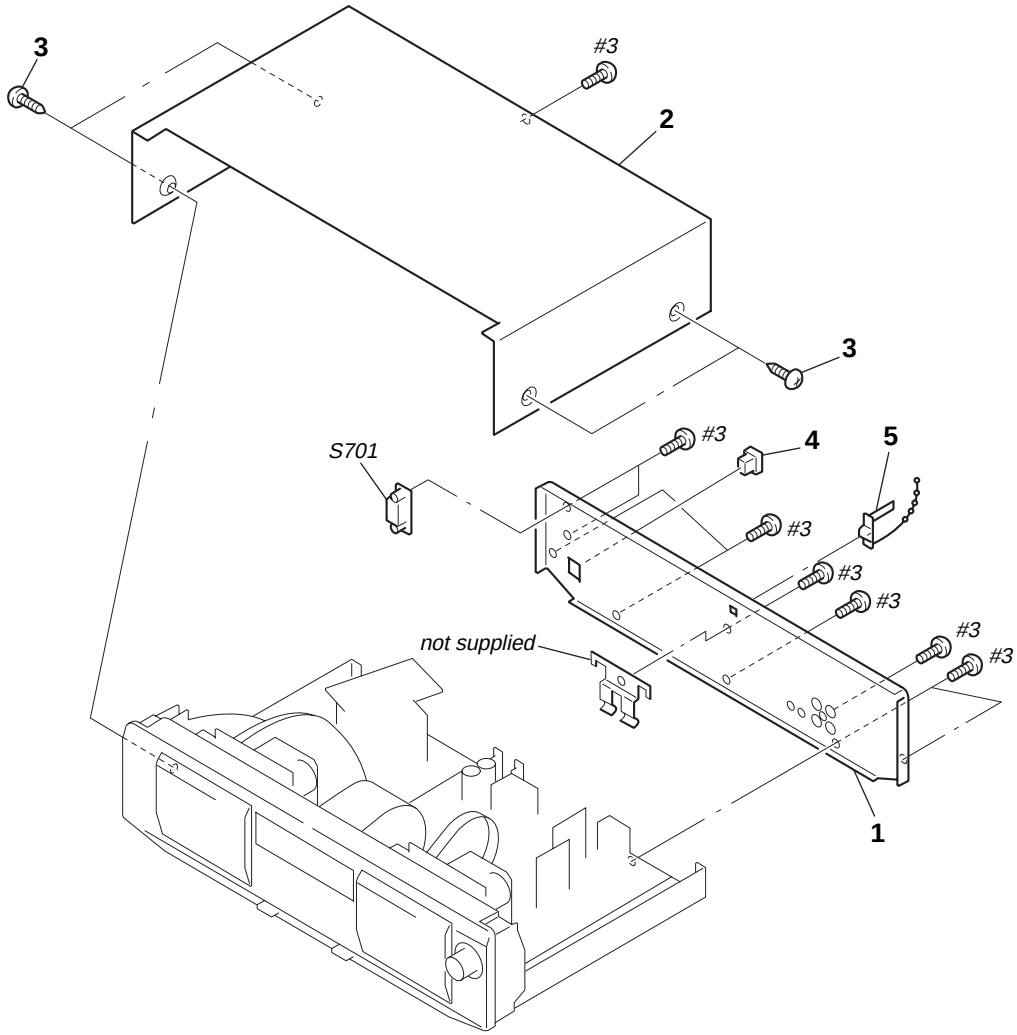


SECTION 6
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  SP : Singapore model
  MY : Malaysia model
  CH : Chinese model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories and packing materials and hardware (# mark) list are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

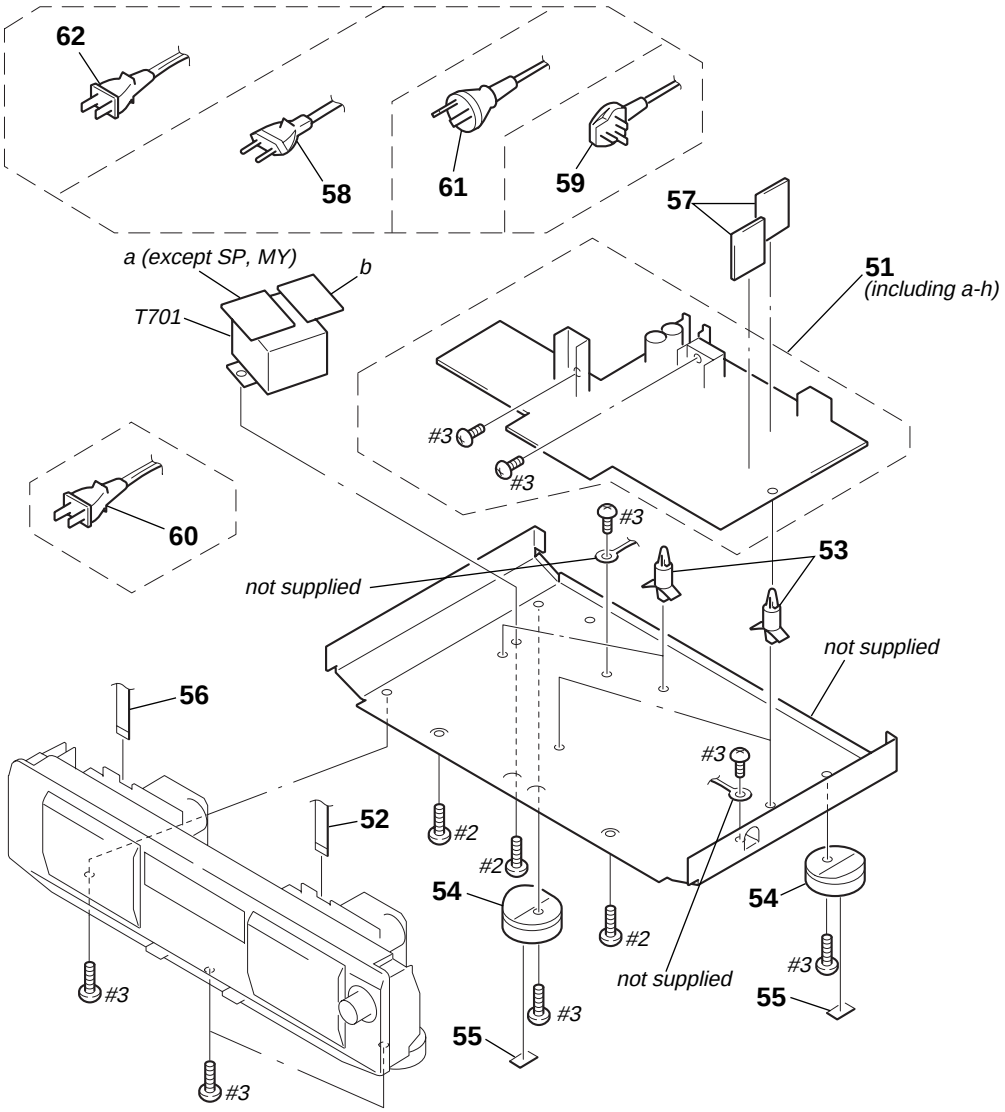
6-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
* 1	3-021-228-01	PANEL, BACK (WE625:US)	
* 1	3-021-228-11	PANEL, BACK (WE625:CND)	
* 1	3-021-228-21	PANEL, BACK (WE625:AUS)	
* 1	3-021-228-31	PANEL, BACK (WE625:SP,MY)	
* 1	3-021-228-41	PANEL, BACK (WE625:CH)	
* 1	3-021-242-01	PANEL, BACK (WE725:AEP)	
* 1	3-021-242-11	PANEL, BACK (WE725:UK)	
* 1	3-021-243-01	PANEL, BACK (WE825S:AEP)	
* 1	3-021-243-11	PANEL, BACK (WE825S:UK)	
* 1	3-021-243-32	PANEL, BACK (WE825S:US)	

Ref. No.	Part No.	Description	Remark
* 2	3-935-634-01	CASE (410726)	
3	3-363-099-01	SCREW (CASE 3 TP2)	
4	3-703-244-00	BUSHING (2104), CORD (EXCEPT US,CND)	
* 4	3-703-571-11	BUSHING (S) (4516), CORD (US,CND)	
5	4-956-370-12	BAND, PLUG FIXED (UK,AUS)	
⚠ S701	1-692-155-11	SELECTOR, POWER VOLTAGE (VOLTAGE)	(SP,MY)

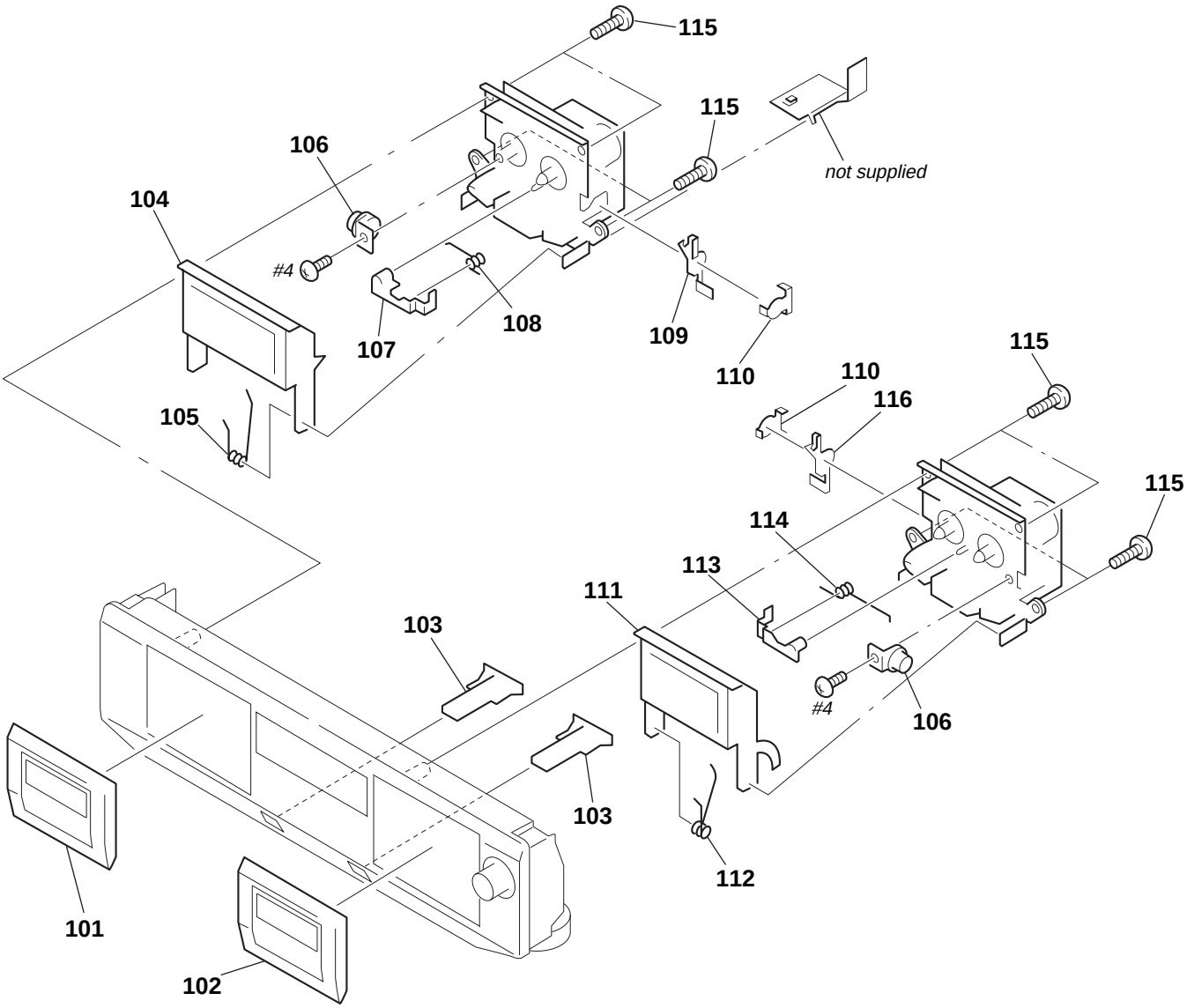
6-2. CHASSIS SECTION



The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

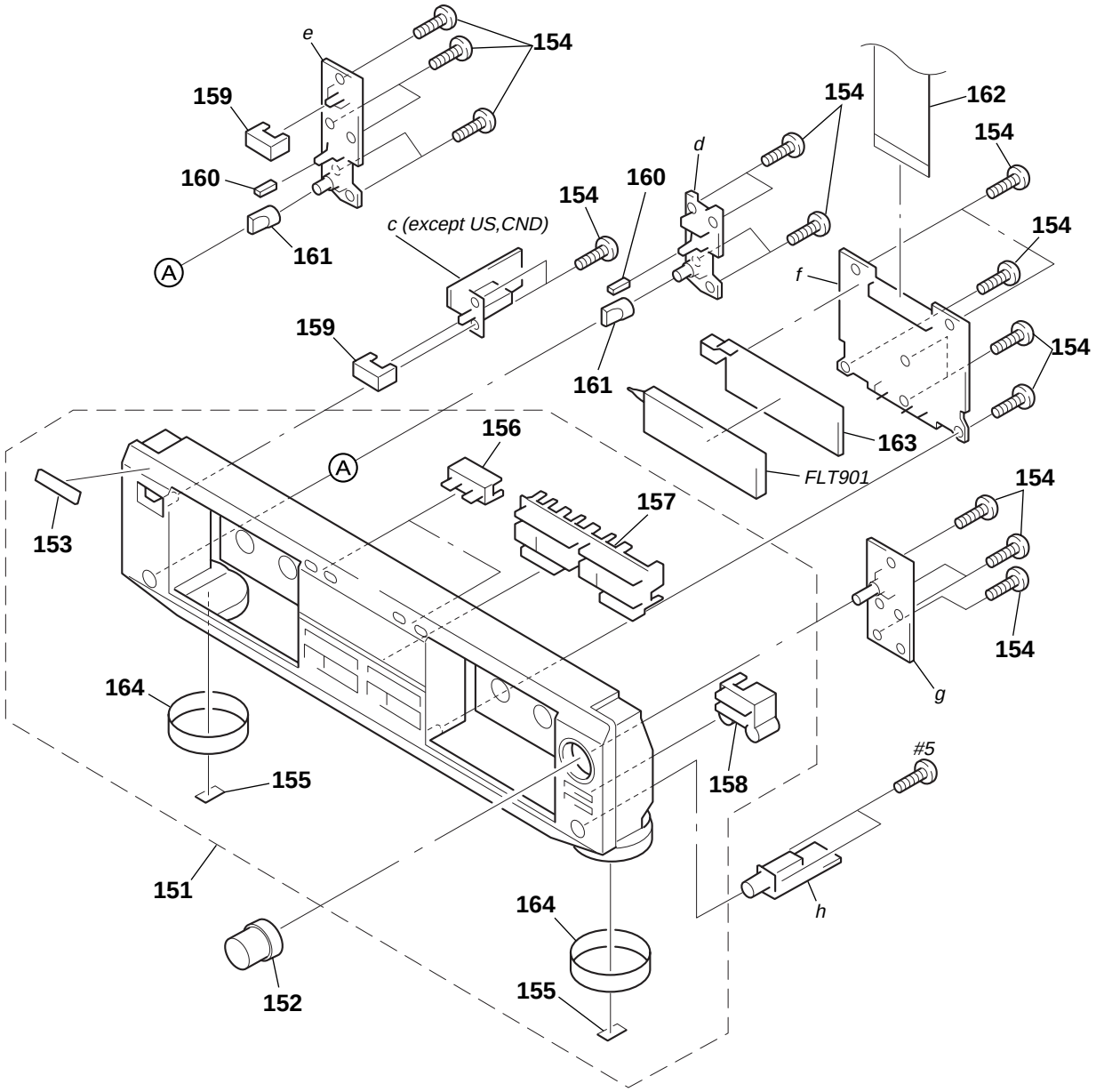
Ref. No.	Part No.	Description	Remark
* 51	A-2007-758-A	MAIN BOARD, COMPLETE (WE725)	
* 51	A-2007-761-A	MAIN BOARD, COMPLETE (WE625:US,CND)	
* 51	A-2007-762-A	MAIN BOARD, COMPLETE (WE625:AUS)	
* 51	A-2007-763-A	MAIN BOARD, COMPLETE (WE625:SP,MY)	
* 51	A-2007-764-A	MAIN BOARD, COMPLETE (WE625:CH)	
* 51	A-2007-765-A	MAIN BOARD, COMPLETE (WE825S:AEP,UK)	
* 51	A-2007-802-A	MAIN BOARD, COMPLETE (WE825S:US)	
52	1-590-486-11	WIRE (FLAT TYPE) (7 CORE) (WE625)	
52	1-769-914-11	WIRE (FLAT TYPE) (9 CORE) (WE725/WE825S)	
* 53	3-346-265-31	HOLDER, PC BOARD	
54	4-977-591-01	FOOT (F50150S) (EXCEPT US,CND)	
54	4-977-591-11	FOOT (F50150S) (US,CND)	
* 55	4-978-398-21	CUSHION	
56	1-769-883-11	WIRE (FLAT TYPE) (7 CORE) (WE625)	
56	1-769-916-11	WIRE (FLAT TYPE) (9 CORE) (WE725/WE825S)	
* 57	A-2007-801-A	DOLBY-S BOARD, COMPLETE (WE825S)	
⚠ 58	1-575-651-21	CORD, POWER (AEP,SP,MY)	
⚠ 59	1-751-529-11	CORD, POWER (UK)	
⚠ 60	1-590-926-11	CORD, POWER (US,CND)	
⚠ 61	1-696-845-11	CORD, POWER (AUS)	
⚠ 62	1-782-510-11	CORD, POWER (CH)	
⚠ T701	1-431-786-11	TRANSFORMER, POWER (AEP,UK,CH,AUS)	
⚠ T701	1-431-788-11	TRANSFORMER, POWER (US,CND)	
⚠ T701	1-431-789-11	TRANSFORMER, POWER (SP,MY)	

6-3. CASSETTE HOLDER SECTION



Ref. No.	Part No.	Description	Remark
101	X-3374-864-1	LID (A) ASSY, CASSETTE	
102	X-3374-865-1	LID (B) ASSY, CASSETTE	
103	3-931-427-31	BUTTON (EJ)	
104	X-4945-947-1	HOLDER (L) ASSY, CASSETTE	
105	4-959-231-21	SPRING (L), TORSION	
106	3-354-963-01	DAMPER	
107	3-354-955-01	LEVER (EJ SAFETY LEVER L)	
108	3-354-961-11	SPRING (EJ SAFETY SPRING L)	
* 109	3-354-953-01	LEVER (LOCK LEVER L)	
110	3-354-957-01	JOINT (LOCK LEVER)	
111	X-4945-946-1	HOLDER (R) ASSY, CASSETTE	
112	4-959-232-21	SPRING (R), TORSION	
113	3-354-956-01	LEVER (EJ SAFETY LEVER R)	
114	3-354-962-11	SPRING (EJ SAFETY SPRING R)	
115	4-951-620-01	SCREW (2.6X8), +BVTP	
* 116	3-354-954-01	LEVER (LOCK LEVER R)	

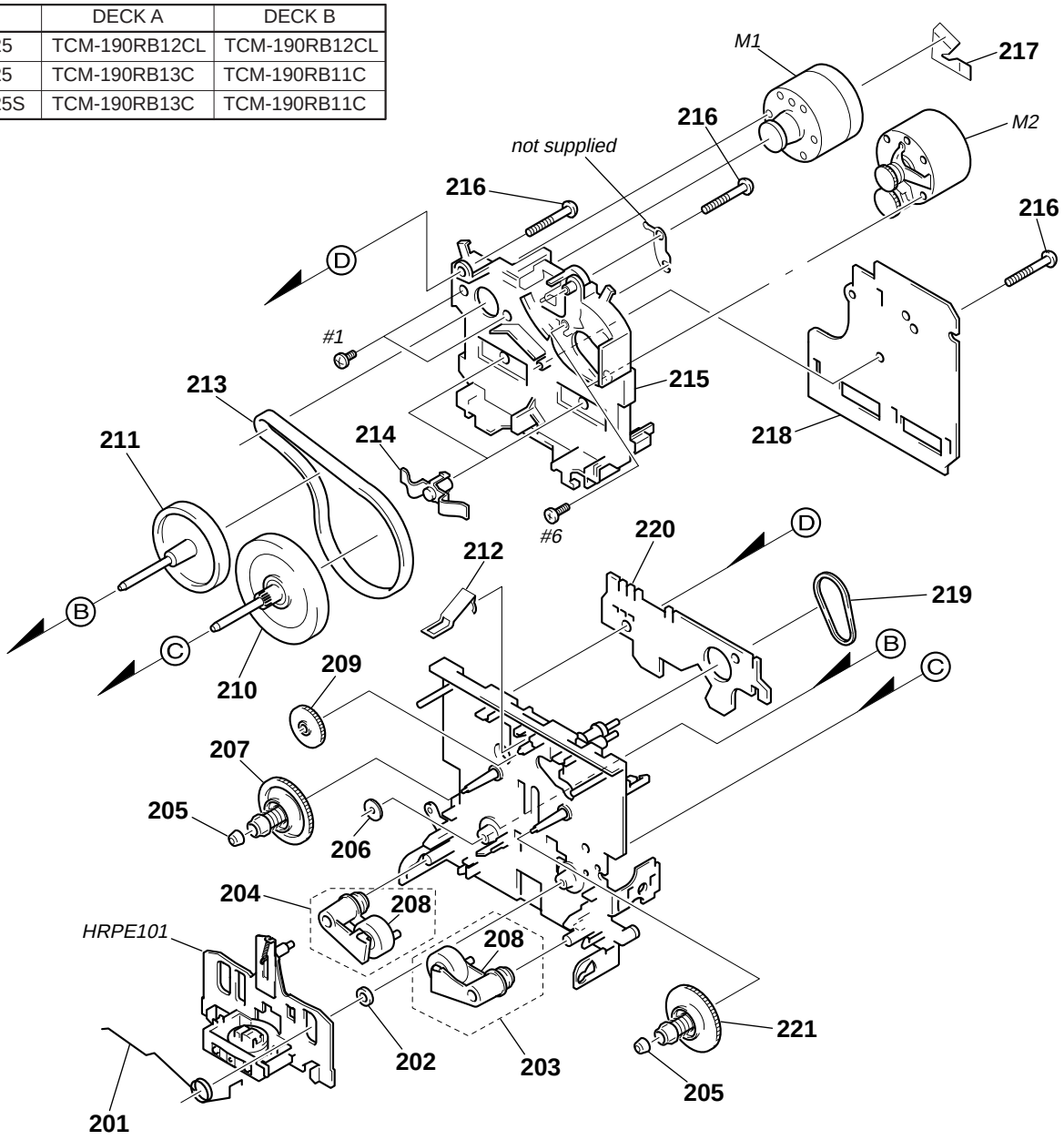
6-4. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
151	X-3374-855-1	PANEL ASSY, FRONT (WE625:US,CND)	
151	X-3374-857-1	PANEL ASSY, FRONT (WE725)	
151	X-3374-858-1	PANEL ASSY, FRONT (WE825S:AEP,UK)	
151	X-3374-942-1	PANEL ASSY, FRONT (WE625:CH,SP,MY,AUS)	
151	X-3375-510-1	PANEL ASSY, FRONT (WE825S:US)	
152	3-021-239-01	KNOB (REC)	
153	4-996-698-41	EMBLEM, SONY	
154	4-951-620-01	SCREW (2.6X8), +BVTP	
* 155	4-978-398-21	CUSHION	
156	3-021-232-01	BUTTON (COUNTER)	
157	3-021-230-01	BUTTON (FUNCTION)	
158	X-3371-370-1	BUTTON (SYNCHRO) ASSY	
159	3-931-429-41	BUTTON (POWER) (EXCEPT US,CND)	
159	3-931-429-51	BUTTON (POWER) (US,CND)	
160	3-380-952-21	BUTTON (WE725/WE825S)	
161	3-931-378-01	KNOB (F10) (WE725/WE825S)	
162	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)	
* 163	3-377-337-11	HOLDER (FL)	
164	4-977-593-01	RING (DIA. 50), ORNAMENTAL	(EXCEPT US,CND)
FLT901	1-517-263-11	INDICATOR TUBE, FLUORESCENT	

6-5. TAPE MECHANISM SECTION 1

	DECK A	DECK B
WE625	TCM-190RB12CL	TCM-190RB12CL
WE725	TCM-190RB13C	TCM-190RB11C
WE825S	TCM-190RB13C	TCM-190RB11C

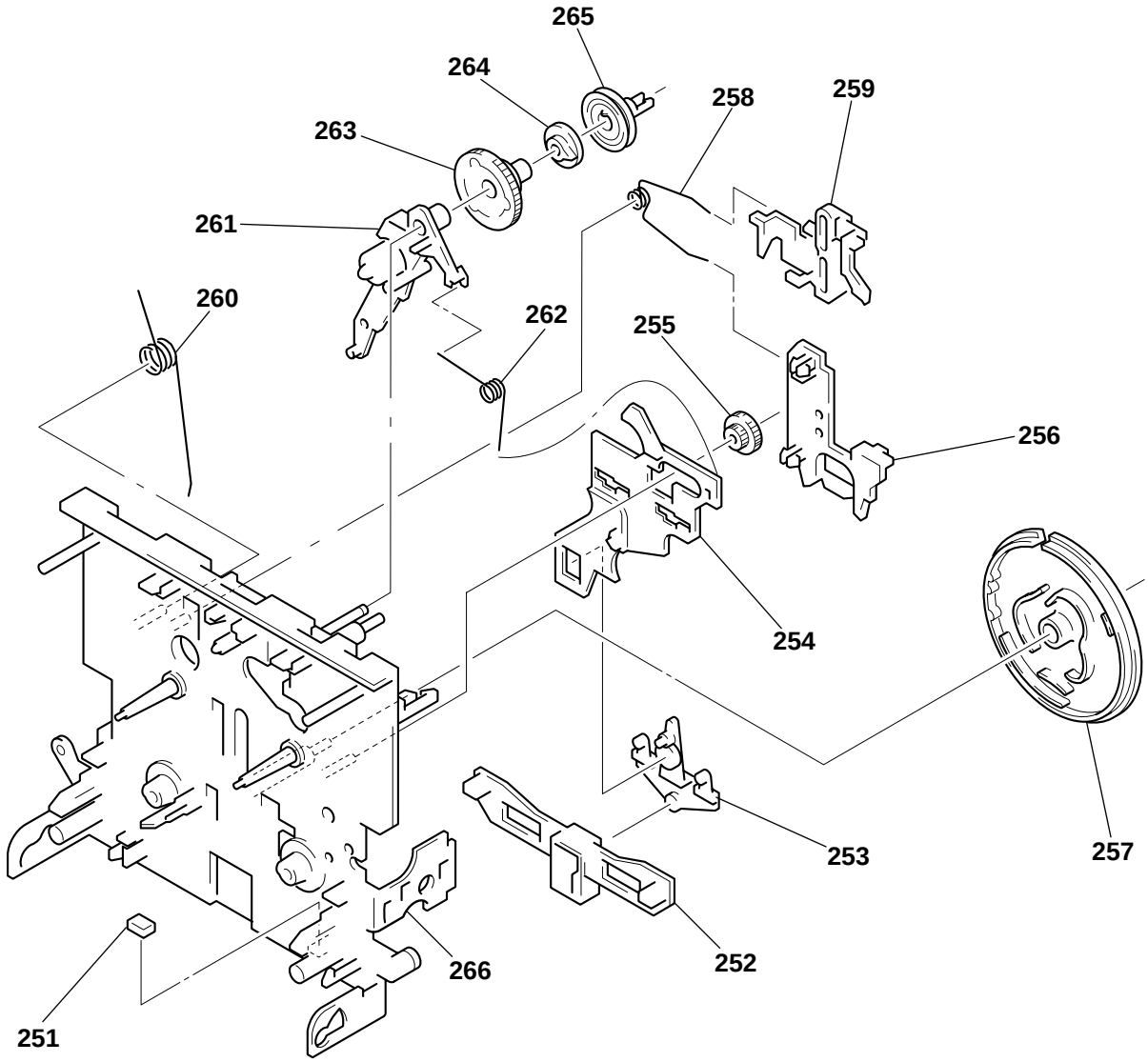


Ref. No.	Part No.	Description	Remark
201	3-907-362-01	SPRING, TORSION	
202	3-356-713-01	WASHER	
203	X-3366-047-1	LEVER (PINCH F) ASSY	
204	X-3366-048-1	LEVER (PINCH R) ASSY	
205	3-362-308-01	CAP (REEL)	
206	3-356-714-01	WASHER	
207	X-3366-971-1	TABLE ASSY (B), REEL	
208	3-355-808-02	PINCH ROLLER	
209	3-359-424-01	GEAR (REV GEAR)	
210	X-3367-629-1	FLYWHEEL (FWD) ASSY	
211	X-3367-630-1	FLYWHEEL (REV) ASSY	
212	3-359-430-01	SPRING (CASSETTE RETAINER), LEAF	
213	3-359-417-01	BELT (FLAT), CAPSTAN	
214	3-575-321-00	RETAINER, THRUST, CAPSTAN	
215	3-359-436-11	BASE (THRUST RETAINER), FITTING	

Ref. No.	Part No.	Description	Remark
216	3-359-414-01	SCREW (+PTPWH 2X23)	
217	1-638-983-11	MOTOR FLEXIBLE BOARD	
* 218	A-2007-040-A	AUDIO (A) BOARD, COMPLETE (WE625)	
* 218	A-2007-509-A	AUDIO (A) BOARD, COMPLETE (WE725/WE825S)	
* 218	A-2007-040-A	AUDIO (B) BOARD, COMPLETE	
219	3-359-466-01	BELT (FR), SQUARE	
* 220	1-634-841-14	LEAF SW (A) BOARD (DECK A) (WE725/WE825S)	
* 220	1-638-020-11	LEAF SW (A) BOARD (DECK A) (WE625)	
* 220	1-634-841-14	LEAF SW (B) BOARD (DECK B) (WE725/WE825S)	
* 220	1-638-020-11	LEAF SW (B) BOARD (DECK B) (WE625)	
221	X-3366-970-1	TABLE ASSY, REEL (WE625)	
221	X-3366-971-1	TABLE ASSY (B), REEL (WE725/WE825S)	
HRPE101	A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
M2	X-3363-501-2	MOTOR ASSY (REEL)	

6-6. TAPE MECHANISM SECTION 2

	DECK A	DECK B
WE625	TCM-190RB12CL	TCM-190RB12CL
WE725	TCM-190RB13C	TCM-190RB11C
WE825S	TCM-190RB13C	TCM-190RB11C



Ref. No.	Part No.	Description	Remark
251	3-359-469-01	SPACER	
252	3-359-425-01	SLIDER (REVERSE SLIDER)	
253	3-359-426-01	LEVER (REVERSE LEVER)	
* 254	3-359-415-01	SLIDER (TRIGGER SLIDER)	
255	3-359-448-01	GEAR (TRIGGER)	
256	3-359-427-01	SLIDER (REVERSE SLIDER)	
257	3-936-483-01	GEAR (CAM GEAR)	
258	3-359-454-01	SPRING, TORSION	
259	3-359-429-01	SLIDER (BRAKE PLATE)	
260	3-359-456-01	SPRING (TRIGGER SPRING), TORSION	
261	X-3366-569-1	ARM ASSY, FR	
262	3-924-185-11	SPRING (FR ARM), TORSION	
263	3-359-419-11	GEAR (FR GEAR)	
264	3-359-421-01	CLUTCH (REEL DISC)	
265	3-359-418-01	PULLEY (FR PULLEY)	
266	X-3359-415-1	CHASSIS ASSY, MECHANICAL	

AUDIO (A)

SECTION 7
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Abbreviation
  CND : Canadian model MY : Malaysia model
  AUS : Australian model CH : Chinese model
  SP : Singapore model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠or dotted line with mark. ⚠are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	A-2007-040-A	AUDIO (A) BOARD, COMPLETE (WE625)			
*	A-2007-509-A	AUDIO (A) BOARD, COMPLETE (WE725/WE825S)			
		**********			
		< CAPACITOR >			
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C12	1-136-157-00	FILM	0.022uF	5%	50V
C13	1-124-234-00	ELECT	22uF	20%	16V
C18	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C22	1-136-157-00	FILM	0.022uF	5%	50V
C23	1-124-234-00	ELECT	22uF	20%	16V
C28	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C31	1-124-234-00	ELECT	22uF	20%	16V
C32	1-124-234-00	ELECT	22uF	20%	16V
C33	1-124-234-00	ELECT	22uF	20%	16V
C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C54	1-136-601-11	FILM	0.01uF	5%	630V
C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C57	1-164-346-11	CERAMIC CHIP	1uF		16V
C71	1-164-346-11	CERAMIC CHIP	1uF		16V
C80	1-124-234-00	ELECT	22uF	20%	16V
C81	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C82	1-136-157-00	FILM	0.022uF	5%	50V
C83	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C84	1-136-478-11	FILM	470PF	5%	630V
C85	1-136-433-11	FILM	100PF	5%	630V
C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C87	1-136-273-00	FILM	75PF	5%	630V
C88	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C89	1-124-234-00	ELECT	22uF	20%	16V
C90	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C91	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C92	1-136-157-00	FILM	0.022uF	5%	50V
C93	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C94	1-136-478-11	FILM	470PF	5%	630V
C95	1-136-433-11	FILM	100PF	5%	630V
C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C97	1-136-273-00	FILM	75PF	5%	630V
C98	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C99	1-164-005-11	CERAMIC CHIP	0.47uF		25V

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
* CNP31	1-580-782-11	CONNECTOR, BOARD TO BOARD 10P			
* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P			
* CNP33	1-580-782-11	CONNECTOR, BOARD TO BOARD 10P			
* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP72	1-764-902-11	CONNECTOR, FFC/FPC 4P			
CNP73	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			(WE725/WE825S)
CNP75	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< DIODE >			
D31	8-719-404-46	DIODE MA110			
		< IC >			
IC31	8-759-711-85	IC NJM4580E-D			
IC81	8-759-106-56	IC uPC1297CA			
		< COIL >			
L81	1-410-780-11	INDUCTOR	27mH		
L91	1-410-780-11	INDUCTOR	27mH		
		< TRANSISTOR >			
Q51	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q52	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q53	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q71	8-729-216-22	TRANSISTOR 2SA1162-G			
		< RESISTOR >			
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W
R12	1-216-025-00	RES,CHIP	100	5%	1/10W
R13	1-216-100-00	RES,CHIP	130K	5%	1/10W
R14	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-00	RES,CHIP	100	5%	1/10W
R23	1-216-100-00	RES,CHIP	130K	5%	1/10W
R24	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
R33	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R51	1-216-097-00	RES,CHIP	100K	5%	1/10W
R52	1-216-097-00	RES,CHIP	100K	5%	1/10W
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W

Ref. No.	Part No.	Description			Remark
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R71	1-216-082-00	RES,CHIP	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-00	RES,CHIP	47K	5%	1/10W
R74	1-216-089-00	RES,CHIP	47K	5%	1/10W
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W
R83	1-216-001-00	METAL CHIP	10	5%	1/10W
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W
R85	1-216-075-00	METAL CHIP	12K	5%	1/10W
R91	1-216-073-00	METAL CHIP	10K	5%	1/10W
R92	1-216-085-00	METAL CHIP	33K	5%	1/10W
R93	1-216-001-00	METAL CHIP	10	5%	1/10W
R94	1-216-101-00	METAL CHIP	150K	5%	1/10W
R95	1-216-075-00	METAL CHIP	12K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11	1-241-761-11	RES, ADJ, CARBON 1K			
RV21	1-241-761-11	RES, ADJ, CARBON 1K			
RV71	1-241-764-11	RES, ADJ, CARBON 10K			
RV72	1-241-764-11	RES, ADJ, CARBON 10K			
RV81	1-241-786-11	RES, ADJ, CARBON 22K			
RV91	1-241-786-11	RES, ADJ, CARBON 22K			
		< RELAY >			
RY31	1-515-913-11	RELAY			
		< TRANSFORMER >			
T51	1-406-417-11	COIL, BIAS OSCILLATION			
T81	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
T91	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
		< TEST PIN >			
* TP81	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P			

****

*	A-2007-040-A	AUDIO (B) BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C12	1-136-157-00	FILM	0.022uF	5%	50V
C13	1-124-234-00	ELECT	22uF	20%	16V
C18	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C22	1-136-157-00	FILM	0.022uF	5%	50V
C23	1-124-234-00	ELECT	22uF	20%	16V
C28	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C31	1-124-234-00	ELECT	22uF	20%	16V
C32	1-124-234-00	ELECT	22uF	20%	16V
C33	1-124-234-00	ELECT	22uF	20%	16V

Ref. No.	Part No.	Description			Remark
C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C54	1-136-601-11	FILM	0.01uF	5%	630V
C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C57	1-164-346-11	CERAMIC CHIP	1uF		16V
C71	1-164-346-11	CERAMIC CHIP	1uF		16V
C80	1-124-234-00	ELECT	22uF	20%	16V
C81	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C82	1-136-157-00	FILM	0.022uF	5%	50V
C83	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C84	1-136-478-11	FILM	470PF	5%	630V
C85	1-136-433-11	FILM	100PF	5%	630V
C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C87	1-136-273-00	FILM	75PF	5%	630V
C88	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C89	1-124-234-00	ELECT	22uF	20%	16V
C90	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C91	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C92	1-136-157-00	FILM	0.022uF	5%	50V
C93	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C94	1-136-478-11	FILM	470PF	5%	630V
C95	1-136-433-11	FILM	100PF	5%	630V
C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C97	1-136-273-00	FILM	75PF	5%	630V
C98	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C99	1-164-005-11	CERAMIC CHIP	0.47uF		25V
		< CONNECTOR >			
* CNP31	1-580-782-11	CONNECTOR, BOARD TO BOARD 10P			
* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P			
* CNP33	1-580-782-11	CONNECTOR, BOARD TO BOARD 10P			
* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP72	1-764-902-11	CONNECTOR, FFC/FPC 4P			
CNP75	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< DIODE >			
D31	8-719-404-46	DIODE MA110			
		< IC >			
IC31	8-759-711-85	IC NJM4580E-D			
IC81	8-759-106-56	IC uPC1297CA			
		< COIL >			
L81	1-410-780-11	INDUCTOR 27mH			
L91	1-410-780-11	INDUCTOR 27mH			
		< TRANSISTOR >			
Q51	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q52	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q53	8-729-822-05	TRANSISTOR 2SD1622-ST-TD			
Q71	8-729-216-22	TRANSISTOR 2SA1162-G			

AUDIO (B) DOLBY-S

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W
R12	1-216-025-00	RES,CHIP	100	5%	1/10W
R13	1-216-100-00	RES,CHIP	130K	5%	1/10W
R14	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-00	RES,CHIP	100	5%	1/10W
R23	1-216-100-00	RES,CHIP	130K	5%	1/10W
R24	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
R33	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R51	1-216-097-00	RES,CHIP	100K	5%	1/10W
R52	1-216-097-00	RES,CHIP	100K	5%	1/10W
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R71	1-216-082-00	RES,CHIP	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-00	RES,CHIP	47K	5%	1/10W
R74	1-216-089-00	RES,CHIP	47K	5%	1/10W
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W
R83	1-216-001-00	METAL CHIP	10	5%	1/10W
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W
R85	1-216-075-00	METAL CHIP	12K	5%	1/10W
R91	1-216-073-00	METAL CHIP	10K	5%	1/10W
R92	1-216-085-00	METAL CHIP	33K	5%	1/10W
R93	1-216-001-00	METAL CHIP	10	5%	1/10W
R94	1-216-101-00	METAL CHIP	150K	5%	1/10W
R95	1-216-075-00	METAL CHIP	12K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11	1-241-761-11	RES, ADJ, CARBON	1K		
RV21	1-241-761-11	RES, ADJ, CARBON	1K		
RV71	1-241-764-11	RES, ADJ, CARBON	10K		
RV72	1-241-764-11	RES, ADJ, CARBON	10K		
RV81	1-241-786-11	RES, ADJ, CARBON	22K		
RV91	1-241-786-11	RES, ADJ, CARBON	22K		
		< RELAY >			
RY31	1-515-913-11	RELAY			
		< TRANSFORMER >			
T51	1-406-417-11	COIL, BIAS OSCILLATION			
T81	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
T91	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
		< TEST PIN >			
* TP81	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P			

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Ref. No.	Part No.	Description			Remark
*	A-2007-801-A	DOLBY-S BOARD, COMPLETE (WE825S)			
		**********			
		< CAPACITOR >			
C1	1-136-165-00	FILM	0.1uF	5%	50V
C2	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
C3	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
C4	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C5	1-136-165-00	FILM	0.1uF	5%	50V
C6	1-136-165-00	FILM	0.1uF	5%	50V
C7	1-137-372-11	FILM	0.022uF	5%	50V
C8	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C9	1-126-301-11	ELECT	1uF	20%	50V
C10	1-137-442-11	FILM	0.039uF	5%	50V
C11	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C12	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
C13	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C14	1-124-465-00	ELECT	0.47uF	20%	50V
C15	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C16	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C17	1-124-465-00	ELECT	0.47uF	20%	50V
C18	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C19	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C20	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C21	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
C22	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C23	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C24	1-137-442-11	FILM	0.039uF	5%	50V
C25	1-136-165-00	FILM	0.1uF	5%	50V
C26	1-137-372-11	FILM	0.022uF	5%	50V
C28	1-163-038-00	CERAMIC CHIP	0.1uF		25V
		< CONNECTOR >			
CN1	1-695-092-11	SOCKET, CONNECTOR 7P			
		< IC >			
IC1	8-752-076-30	IC CXA1917AM-T6			
		< JUMPER RESISTOR >			
J1	1-216-296-00	SHORT	0		
J2	1-216-296-00	SHORT	0		
J3	1-216-296-00	SHORT	0		
		< RESISTOR >			
R1	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R2	1-208-811-11	RES,CHIP	16K	2%	1/10W
R3	1-208-791-11	RES,CHIP	2.4K	2%	1/10W
R4	1-208-799-11	RES,CHIP	5.1K	2%	1/10W
R5	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R6	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R7	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R8	1-208-462-41	RES,CHIP	10K	2%	1/10W

Ref. No.	Part No.	Description			Remark
R9	1-208-812-11	RES,CHIP	18K	2%	1/10W
R10	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R11	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R12	1-216-684-11	METAL CHIP	24K	0.5%	1/10W
R13	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R14	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R15	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
R16	1-216-678-11	METAL CHIP	13K	0.5%	1/10W
R17	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R18	1-208-462-41	RES,CHIP	10K	2%	1/10W
R19	1-208-462-41	RES,CHIP	10K	2%	1/10W
R20	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
**********					
		FL BOARD			
		(SUPPLIED WITH MAIN BOARD, COMPLETE)			
		********			
*	3-377-337-11	HOLDER (FL)			
		< CAPACITOR >			
C901	1-126-933-11	ELECT	100uF	20%	10V
C902	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
		< CONNECTOR >			
CNS901	1-770-247-11	SOCKET, CONNECTOR 41P			
		< FLUORESCENT INDICATOR >			
FLT901	1-517-263-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC901	8-749-014-66	IC NJL56H400			
		< RESISTOR >			
R904	1-216-025-00	RES,CHIP	100	5%	1/10W
R905	1-216-097-00	RES,CHIP	100K	5%	1/10W (WE625)
R906	1-216-025-00	RES,CHIP	100	5%	1/10W
R911	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R912	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R913	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R914	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
R915	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R916	1-216-077-00	METAL CHIP	15K	5%	1/10W
R917	1-216-089-00	RES,CHIP	47K	5%	1/10W
R921	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R922	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R923	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R924	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
R925	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R926	1-216-077-00	METAL CHIP	15K	5%	1/10W
R927	1-216-089-00	RES,CHIP	47K	5%	1/10W
R931	1-216-051-00	METAL CHIP	1.2K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R932	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R935	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R936	1-216-077-00	METAL CHIP	15K	5%	1/10W
R937	1-216-089-00	RES,CHIP	47K	5%	1/10W (WE825S)
R941	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R942	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R943	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R944	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
R945	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R946	1-216-077-00	METAL CHIP	15K	5%	1/10W
R951	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R952	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R953	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R954	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
		< SWITCH >			
S911	1-554-303-21	SWITCH, TACTILE (■ CLEAR) (DECK A)			
S912	1-554-303-21	SWITCH, TACTILE (❚❚ PAUSE) (DECK A)			
S913	1-554-303-21	SWITCH, TACTILE (▷ FRONT) (DECK A)			
S914	1-554-303-21	SWITCH, TACTILE (◁ BACK) (DECK A)			
S915	1-554-303-21	SWITCH, TACTILE (O REC MUTING) (DECK A)			
S916	1-554-303-21	SWITCH, TACTILE (◀◀ (AMS)) (DECK B)			
S917	1-554-303-21	SWITCH, TACTILE (▶▶ (AMS)) (DECK B)			
S918	1-554-303-21	SWITCH, TACTILE (● REC) (DECK B)			
S921	1-554-303-21	SWITCH, TACTILE (■) (DECK B)			
S922	1-554-303-21	SWITCH, TACTILE (❚❚ PAUSE) (DECK B)			
S923	1-554-303-21	SWITCH, TACTILE (▷ FRONT) (DECK B)			
S924	1-554-303-21	SWITCH, TACTILE (◁ BACK) (DECK B)			
S925	1-554-303-21	SWITCH, TACTILE (O REC MUTING) (DECK B)			
S926	1-554-303-21	SWITCH, TACTILE (◀◀ (AMS)) (DECK A)			
S927	1-554-303-21	SWITCH, TACTILE (▶▶ (AMS)) (DECK A)			
S928	1-554-303-21	SWITCH, TACTILE (● REC) (DECK A)			
S931	1-554-303-21	SWITCH, TACTILE (RESET) (DECK A)			
S932	1-554-303-21	SWITCH, TACTILE (MEMORY) (DECK A)			
S936	1-762-567-11	SWITCH, SLIDE (DOLBY NR ON,OFF,FILTER)			
S937	1-762-608-11	SWITCH, SLIDE (DOLBY NR B,C)			(WE625/WE725)
S937	1-762-609-11	SWITCH, SLIDE (DOLBY NR B,C,S) (WE825S)			
S941	1-554-303-21	SWITCH, TACTILE (DISPLAY)			
S942	1-554-303-21	SWITCH, TACTILE (RMS START)			
S943	1-554-303-21	SWITCH, TACTILE (CHECK)			
S944	1-554-303-21	SWITCH, TACTILE (SET)			
S945	1-554-303-21	SWITCH, TACTILE (A+B REC)			
S946	1-554-303-21	SWITCH, TACTILE (HIGH/NORMAL)			
S951	1-554-303-21	SWITCH, TACTILE (RESET) (DECK B)			
S952	1-554-303-21	SWITCH, TACTILE (MEMORY) (DECK B)			
S953	1-554-303-21	SWITCH, TACTILE (DECK A)			
S954	1-554-303-21	SWITCH, TACTILE (DECK B)			
**********					

HEADPHONE | LEAF SW (A) | LEAF SW (B) | MAIN

Ref. No.	Part No.	Description			Remark
		HEADPHONE BOARD (SUPPLIED WITH MAIN BOARD, COMPLETE)			
		**********			
		< JACK >			
J502	1-568-519-41	JACK, LARGE TYPE (PHONES)			
**********					
*	1-634-841-14	LEAF SW (A) BOARD (WE725/WE825S)			
*	1-638-020-11	LEAF SW (A) BOARD (WE625)			
		**********			
		< CONNECTOR >			
* CNP81	1-568-850-11	SOCKET, CONNECTOR 7P (WE625)			
* CNP81	1-568-852-11	SOCKET, CONNECTOR 9P (WE725/WE825S)			
		< PHOTO REFLECTOR >			
IC81	8-749-924-10	PHOTO REFLECTOR NJL5165K-B(H1)			
IC82	8-749-924-10	PHOTO REFLECTOR NJL5165K-B(H1)			(WE725/WE825S)
		< RESISTOR >			
R81	1-249-414-11	CARBON	560	5%	1/4W
R82	1-247-818-11	CARBON	300	5%	1/4W
R83	1-247-834-11	CARBON	1.3K	5%	1/4W
R84	1-249-417-11	CARBON	1K	5%	1/4W
R85	1-249-408-11	CARBON	180	5%	1/4W
R86	1-249-408-11	CARBON	180	5%	1/4W (WE725/WE825S)
		< SWITCH >			
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)			
S82	1-571-281-21	SWITCH, LEAF (CrO2)			
S83	1-571-281-21	SWITCH, LEAF (METAL)			
S84	1-571-281-21	SWITCH, LEAF (ERASE PROOF) (SIDE A)			
S85	1-571-281-21	SWITCH, LEAF (ERASE PROOF) (SIDE B)			
S86	1-571-281-21	SWITCH, LEAF (HALF)			
**********					
*	1-634-841-14	LEAF SW (B) BOARD (WE725/WE825S)			
*	1-638-020-11	LEAF SW (B) BOARD (WE625)			
		**********			
		< CONNECTOR >			
* CNP81	1-568-850-11	SOCKET, CONNECTOR 7P (WE625)			
* CNP81	1-568-852-11	SOCKET, CONNECTOR 9P (WE725/WE825S)			
		< PHOTO REFLECTOR >			
IC81	8-749-924-10	PHOTO REFLECTOR NJL5165K-B(H1)			
IC82	8-749-924-10	PHOTO REFLECTOR NJL5165K-B(H1)			(WE725/WE825S)

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R81	1-249-414-11	CARBON	560	5%	1/4W
R82	1-247-818-11	CARBON	300	5%	1/4W
R83	1-247-834-11	CARBON	1.3K	5%	1/4W
R84	1-249-417-11	CARBON	1K	5%	1/4W
R85	1-249-408-11	CARBON	180	5%	1/4W
R86	1-249-408-11	CARBON	180	5%	1/4W (WE725/WE825S)
		< SWITCH >			
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)			
S82	1-571-281-21	SWITCH, LEAF (CrO2)			
S83	1-571-281-21	SWITCH, LEAF (METAL)			
S84	1-571-281-21	SWITCH, LEAF (ERASE PROOF) (SIDE A)			
S85	1-571-281-21	SWITCH, LEAF (ERASE PROOF) (SIDE B)			
S86	1-571-281-21	SWITCH, LEAF (HALF)			
**********					
*	A-2007-758-A	MAIN BOARD, COMPLETE (WE725)			
*	A-2007-761-A	MAIN BOARD, COMPLETE (WE625:US,CND)			
*	A-2007-762-A	MAIN BOARD, COMPLETE (WE625:AUS)			
*	A-2007-763-A	MAIN BOARD, COMPLETE (WE625:SP,MY)			
*	A-2007-764-A	MAIN BOARD, COMPLETE (WE625:CH)			
*	A-2007-765-A	MAIN BOARD, COMPLETE (WE825S:AEP,UK)			
*	A-2007-802-A	MAIN BOARD, COMPLETE (WE825S:US) (INCLUDING FL BOARD,HEADPHONE BOARD, REC VOL BOARD,SW (A) BOARD, SW (B) BOARD,SW (C) BOARD, TRANS (A) BOARD,TRANS (B) BOARD)			
		**********			
		< CAPACITOR >			
C102	1-126-961-11	ELECT	2.2uF	20%	50V
C103	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C104	1-126-963-11	ELECT	4.7uF	20%	50V
C106	1-126-963-11	ELECT	4.7uF	20%	50V
C107	1-126-964-11	ELECT	10uF	20%	50V
C108	1-130-495-00	MYLAR	0.1uF	5%	50V
C109	1-130-493-00	MYLAR	0.068uF	5%	50V
C110	1-126-964-11	ELECT	10uF	20%	50V
C111	1-126-959-11	ELECT	0.47uF	20%	50V
C112	1-126-963-11	ELECT	4.7uF	20%	50V
C113	1-126-963-11	ELECT	4.7uF	20%	50V
C114	1-135-149-21	TANTALUM CHIP	2.2uF	20%	10V
C115	1-163-016-00	CERAMIC CHIP	0.0039uF	10%	50V
C116	1-126-959-11	ELECT	0.47uF	20%	50V
C117	1-126-963-11	ELECT	4.7uF	20%	50V
C121	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C202	1-126-961-11	ELECT	2.2uF	20%	50V

Ref. No.	Part No.	Description			Remark
C203	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C204	1-126-963-11	ELECT	4.7uF	20%	50V
C206	1-126-963-11	ELECT	4.7uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-130-495-00	MYLAR	0.1uF	5%	50V
C209	1-130-493-00	MYLAR	0.068uF	5%	50V
C210	1-126-964-11	ELECT	10uF	20%	50V
C211	1-126-959-11	ELECT	0.47uF	20%	50V
C212	1-126-963-11	ELECT	4.7uF	20%	50V
C213	1-126-963-11	ELECT	4.7uF	20%	50V
C214	1-135-149-21	TANTALUM CHIP	2.2uF	20%	10V
C215	1-163-016-00	CERAMIC CHIP	0.0039uF	10%	50V
C216	1-126-959-11	ELECT	0.47uF	20%	50V
C217	1-126-963-11	ELECT	4.7uF	20%	50V
C221	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C401	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C451	1-126-964-11	ELECT	10uF	20%	50V
C461	1-126-964-11	ELECT	10uF	20%	50V
C501	1-126-964-11	ELECT	10uF	20%	50V
C502	1-126-964-11	ELECT	10uF	20%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V
C505	1-126-960-11	ELECT	1uF	20%	50V
C506	1-130-491-00	MYLAR	0.047uF	5%	50V
C507	1-130-498-00	MYLAR	0.18uF	5%	50V
C508	1-126-959-11	ELECT	0.47uF	20%	50V
C509	1-126-965-11	ELECT	22uF	20%	50V
C510	1-126-960-11	ELECT	1uF	20%	50V
C511	1-126-916-11	ELECT	1000uF	20%	6.3V
C512	1-126-925-11	ELECT	470uF	20%	10V
C514	1-126-767-11	ELECT	1000uF	20%	16V
C515	1-126-767-11	ELECT	1000uF	20%	16V
C516	1-126-959-11	ELECT	0.47uF	20%	50V
C521	1-130-476-00	MYLAR	0.0027uF	5%	50V
C522	1-130-494-11	MYLAR	0.082uF	5%	50V
C523	1-130-491-00	MYLAR	0.047uF	5%	50V
C524	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C530	1-126-965-11	ELECT	22uF	20%	50V
C561	1-136-168-00	FILM	0.18uF	5%	50V
C562	1-130-483-00	MYLAR	0.01uF	5%	50V
C563	1-136-175-00	FILM	0.68uF	5%	50V
C601	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C602	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C603	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C604	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C701	1-128-547-11	ELECT	6800uF	20%	16V
C702	1-126-937-11	ELECT	4700uF	20%	16V
C703	1-126-960-11	ELECT	1uF	20%	50V
C704	1-126-969-11	ELECT	220uF	20%	50V
C705	1-126-963-11	ELECT	4.7uF	20%	50V
C706	1-126-926-11	ELECT	1000uF	20%	10V
C707	1-126-926-11	ELECT	1000uF	20%	10V
C708	1-126-963-11	ELECT	4.7uF	20%	50V
C709	1-126-963-11	ELECT	4.7uF	20%	50V
C710	1-126-935-11	ELECT	470uF	20%	6.3V
C711	1-126-947-11	ELECT	47uF	20%	35V
C801	1-126-933-11	ELECT	100uF	20%	10V
C803	1-126-959-11	ELECT	0.47uF	20%	50V
C810	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V

< CONNECTOR >

Ref. No.	Part No.	Description
CN101	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P (WE825S)
CN201	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P (WE825S)
* CN501	1-691-916-11	CONNECTOR, BOARD TO BOARD 10P
* CN502	1-691-916-11	CONNECTOR, BOARD TO BOARD 10P
* CN503	1-691-916-11	CONNECTOR, BOARD TO BOARD 10P
* CN504	1-691-916-11	CONNECTOR, BOARD TO BOARD 10P
* CNA801	1-568-954-11	PIN, CONNECTOR 5P (US,CND)
* CNA803	1-568-934-11	PIN, CONNECTOR 7P
CNA806	1-506-468-11	PIN, CONNECTOR 3P
* CNA807	1-568-955-11	PIN, CONNECTOR 6P
CNM701	1-766-269-11	PIN, CONNECTOR (PC BOARD) 7P
CNS802	1-770-246-11	SOCKET, CONNECTOR 41P
* CNS804	1-568-826-11	SOCKET, CONNECTOR 7P (WE625)
* CNS804	1-568-828-11	SOCKET, CONNECTOR 9P (WE725/WE825S)
* CNS805	1-568-826-11	SOCKET, CONNECTOR 7P (WE625)
* CNS805	1-568-828-11	SOCKET, CONNECTOR 9P (WE725/WE825S)

< DIODE >

Ref. No.	Part No.	Description
D101	8-719-978-24	DIODE DTZ-TT11-5.6A
D201	8-719-978-24	DIODE DTZ-TT11-5.6A
D401	8-719-016-74	DIODE 1SS352
D521	8-719-016-74	DIODE 1SS352
D522	8-719-016-74	DIODE 1SS352
D601	8-719-016-74	DIODE 1SS352
D602	8-719-016-74	DIODE 1SS352 (WE725/WE825S)
D701	8-719-200-02	DIODE 10E2
D702	8-719-200-02	DIODE 10E2
D703	8-719-200-02	DIODE 10E2
D704	8-719-200-02	DIODE 10E2
D705	8-719-016-74	DIODE 1SS352
D706	8-719-016-74	DIODE 1SS352
D707	8-719-200-02	DIODE 10E2
D708	8-719-016-74	DIODE 1SS352
D709	8-719-978-24	DIODE DTZ-TT11-5.6A
D710	8-719-978-24	DIODE DTZ-TT11-5.6A
D711	8-719-978-24	DIODE DTZ-TT11-5.6A
D712	8-719-105-99	DIODE RD6.2M-B1
D713	8-719-016-74	DIODE 1SS352
D714	8-719-016-74	DIODE 1SS352
D715	8-719-016-74	DIODE 1SS352
D716	8-719-977-11	DIODE DTZ6.8A
D801	8-719-016-74	DIODE 1SS352
D802	8-719-016-74	DIODE 1SS352
D803	8-719-016-74	DIODE 1SS352
D804	8-719-016-74	DIODE 1SS352

MAIN

Ref. No.	Part No.	Description	Remark
		< IC >	
IC501	8-752-075-27	IC CXA1878Q	
IC502	8-759-636-55	IC M5218AFP	
IC504	8-752-070-67	IC CXA1597P	
IC561	8-759-100-96	IC uPC4558G2	
IC601	8-759-822-38	IC LA6510	
IC701	8-759-100-96	IC uPC4558G2	
IC801	8-752-892-34	IC CXP82432A-006Q	
IC802	8-759-165-82	IC PST600E-T	
IC803	8-759-009-06	IC MC14052BF	
IC804	8-759-009-06	IC MC14052BF	
IC805	8-759-009-19	IC MC14081BF	
IC806	8-759-009-06	IC MC14052BF	
IC807	8-759-032-11	IC MC74HC04AF	
IC808	8-759-009-06	IC MC14052BF	
IC809	8-759-032-11	IC MC74HC04AF	
		< JACK >	
* J401	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (S-LINK CONTROL A1)	
* J402	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (S-LINK CONTROL A1)	
J501	1-770-614-11	JACK, PIN 4P (LINE IN/OUT)	
		< LOW PASS FILTER >	
LPF101	1-233-271-11	FILTER, LOW PASS	
LPF201	1-233-271-11	FILTER, LOW PASS	
		< TRANSISTOR >	
Q101	8-729-900-74	TRANSISTOR DTC143TS	
Q102	8-729-922-37	TRANSISTOR 2SD2144S	
Q201	8-729-900-74	TRANSISTOR DTC143TS	
Q202	8-729-922-37	TRANSISTOR 2SD2144S	
Q401	8-729-010-29	TRANSISTOR MSD601-RST1	
Q451	8-729-010-05	TRANSISTOR MSB709-RT1	
Q452	8-729-424-08	TRANSISTOR UN2111	
Q453	8-729-421-22	TRANSISTOR UN2211	
Q461	8-729-010-05	TRANSISTOR MSB709-RT1	
Q462	8-729-424-08	TRANSISTOR UN2111	
Q463	8-729-421-22	TRANSISTOR UN2211	
Q501	8-729-010-05	TRANSISTOR MSB709-RT1	
Q502	8-729-010-29	TRANSISTOR MSD601-RST1	
Q503	8-729-010-29	TRANSISTOR MSD601-RST1	
Q601	8-729-421-22	TRANSISTOR UN2211	
Q602	8-729-421-22	TRANSISTOR UN2211	
Q603	8-729-424-08	TRANSISTOR UN2111 (WE725/WE825S)	
Q604	8-729-801-93	TRANSISTOR 2SD1387	
Q605	8-729-801-93	TRANSISTOR 2SD1387	
Q606	8-729-421-22	TRANSISTOR UN2211 (WE725/WE825S)	
Q607	8-729-424-08	TRANSISTOR UN2111 (WE725/WE825S)	
Q621	8-729-010-05	TRANSISTOR MSB709-RT1 (WE725/WE825S)	
Q701	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q702	8-729-209-15	TRANSISTOR 2SD2012	
Q703	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q704	8-729-010-29	TRANSISTOR MSD601-RST1	
Q705	8-729-421-22	TRANSISTOR UN2211 (US,CND)	
Q706	8-729-421-22	TRANSISTOR UN2211 (US,CND)	
Q707	8-729-010-05	TRANSISTOR MSB709-RT1	
Q708	8-729-140-04	TRANSISTOR 2SB1116A-L	
Q801	8-729-421-19	TRANSISTOR UN2213	
Q802	8-729-010-29	TRANSISTOR MSD601-RST1	
		< RESISTOR >	
R101	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R102	1-216-105-00	RES,CHIP 220K 5% 1/10W	
R103	1-216-097-00	RES,CHIP 100K 5% 1/10W	
R104	1-216-055-00	METAL CHIP 1.8K 5% 1/10W	
R105	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R106	1-216-060-00	RES,CHIP 3K 5% 1/10W	
R107	1-216-049-11	RES,CHIP 1K 5% 1/10W	
R108	1-216-063-00	RES,CHIP 3.9K 5% 1/10W	
R109	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R110	1-216-065-00	RES,CHIP 4.7K 5% 1/10W	
R111	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R112	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R113	1-216-049-11	RES,CHIP 1K 5% 1/10W	
R114	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R115	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R116	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R117	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R118	1-216-033-00	METAL CHIP 220 5% 1/10W	
R119	1-216-049-11	RES,CHIP 1K 5% 1/10W	
R120	1-216-089-00	RES,CHIP 47K 5% 1/10W	
R121	1-216-089-00	RES,CHIP 47K 5% 1/10W	
R122	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R123	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R124	1-216-295-00	SHORT 0 (WE625/WE725)	
R201	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R202	1-216-105-00	RES,CHIP 220K 5% 1/10W	
R203	1-216-097-00	RES,CHIP 100K 5% 1/10W	
R204	1-216-055-00	METAL CHIP 1.8K 5% 1/10W	
R205	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R206	1-216-060-00	RES,CHIP 3K 5% 1/10W	
R207	1-216-049-11	RES,CHIP 1K 5% 1/10W	
R208	1-216-063-00	RES,CHIP 3.9K 5% 1/10W	
R209	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R210	1-216-065-00	RES,CHIP 4.7K 5% 1/10W	
R211	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R212	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R213	1-216-049-11	RES,CHIP 1K 5% 1/10W	
R214	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R215	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R216	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R217	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R218	1-216-033-00	METAL CHIP 220 5% 1/10W	
R219	1-216-049-11	RES,CHIP 1K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R220	1-216-089-00	RES,CHIP	47K	5%	1/10W
R221	1-216-089-00	RES,CHIP	47K	5%	1/10W
R222	1-216-073-00	METAL CHIP	10K	5%	1/10W
R223	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R224	1-216-295-00	SHORT	0	(WE625/WE725)	
R401	1-216-073-00	METAL CHIP	10K	5%	1/10W
R402	1-216-049-11	RES,CHIP	1K	5%	1/10W
R403	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R404	1-216-073-00	METAL CHIP	10K	5%	1/10W
R405	1-216-001-00	METAL CHIP	10	5%	1/10W
R451	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R452	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R453	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R461	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R462	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R463	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R501	1-208-816-11	RES,CHIP	27K	0.50%	1/10W
R502	1-208-813-11	RES,CHIP	20K	0.50%	1/10W
R503	1-216-049-11	RES,CHIP	1K	5%	1/10W
R504	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R505	1-216-121-00	RES,CHIP	1M	5%	1/10W
R506	1-216-073-00	METAL CHIP	10K	5%	1/10W
R507	1-216-073-00	METAL CHIP	10K	5%	1/10W
R508	1-216-041-00	METAL CHIP	470	5%	1/10W
R509	1-216-049-11	RES,CHIP	1K	5%	1/10W
R510	1-216-089-00	RES,CHIP	47K	5%	1/10W
R511	1-216-073-00	METAL CHIP	10K	5%	1/10W
R512	1-216-041-00	METAL CHIP	470	5%	1/10W
R513	1-216-089-00	RES,CHIP	47K	5%	1/10W
R514	1-216-025-00	RES,CHIP	100	5%	1/10W
R515	1-208-816-11	RES,CHIP	27K	0.50%	1/10W
R521	1-216-081-00	METAL CHIP	22K	5%	1/10W
R522	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R523	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R524	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R525	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R526	1-216-097-00	RES,CHIP	100K	5%	1/10W
R527	1-216-097-00	RES,CHIP	100K	5%	1/10W
R528	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
R529	1-216-041-00	METAL CHIP	470	5%	1/10W
R530	1-216-073-00	METAL CHIP	10K	5%	1/10W
R561	1-216-089-00	RES,CHIP	47K	5%	1/10W
R562	1-216-089-00	RES,CHIP	47K	5%	1/10W
R563	1-216-089-00	RES,CHIP	47K	5%	1/10W
R564	1-216-081-00	METAL CHIP	22K	5%	1/10W
R565	1-216-081-00	METAL CHIP	22K	5%	1/10W
R571	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R572	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R573	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R575	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R576	1-216-075-00	METAL CHIP	12K	5%	1/10W
R577	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R578	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R579	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R580	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R581	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R582	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R583	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R584	1-216-075-00	METAL CHIP	12K	5%	1/10W
R585	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R586	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R587	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R588	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R601	1-216-025-00	RES,CHIP	100	5%	1/10W
R602	1-216-025-00	RES,CHIP	100	5%	1/10W
R603	1-216-081-00	METAL CHIP	22K	5%	1/10W
R604	1-216-081-00	METAL CHIP	22K	5%	1/10W
R605	1-216-075-00	METAL CHIP	12K	5%	1/10W
R606	1-216-075-00	METAL CHIP	12K	5%	1/10W
R607	1-216-076-00	METAL CHIP	13K	5%	1/10W
R608	1-216-076-00	METAL CHIP	13K	5%	1/10W
R609	1-216-076-00	METAL CHIP	13K	5%	1/10W
R610	1-216-076-00	METAL CHIP	13K	5%	1/10W
R613	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R614	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R615	1-216-072-00	METAL CHIP	9.1K	5%	1/10W
R616	1-216-072-00	METAL CHIP	9.1K	5%	1/10W
R617	1-216-073-00	METAL CHIP	10K	5%	1/10W
R618	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R619	1-216-073-00	METAL CHIP	10K	5%	1/10W
R620	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R622	1-216-066-00	METAL CHIP	5.1K	5%	1/10W (WE725/WE825S)
R623	1-216-089-00	RES,CHIP	47K	5%	1/10W (WE725/WE825S)
R624	1-216-089-00	RES,CHIP	47K	5%	1/10W (WE725/WE825S)
R701	1-249-414-11	CARBON	560	5%	1/4W
R702	1-216-073-00	METAL CHIP	10K	5%	1/10W
R703	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R704	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R705	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R706	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R707	1-216-073-00	METAL CHIP	10K	5%	1/10W
R708	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R709	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R710	1-216-049-11	RES,CHIP	1K	5%	1/10W
R711	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R712	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R713	1-216-049-11	RES,CHIP	1K	5%	1/10W
R714	1-216-073-00	METAL CHIP	10K	5%	1/10W
R715	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R716	1-216-081-00	METAL CHIP	22K	5%	1/10W
R717	1-216-073-00	METAL CHIP	10K	5%	1/10W
R718	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R719	1-216-075-00	METAL CHIP	12K	5%	1/10W

MAIN REC VOL

Ref. No.	Part No.	Description			Remark
⚠R720	1-219-136-11	FUSIBLE	0.22	10%	1/4W F
R721	1-216-073-00	METAL CHIP	10K	5%	1/10W
⚠R722	1-219-137-11	FUSIBLE	0.33	10%	1/4W F
⚠R723	1-219-137-11	FUSIBLE	0.33	10%	1/4W F
R801	1-216-097-00	RES,CHIP	100K	5%	1/10W
R802	1-216-073-00	METAL CHIP	10K	5%	1/10W
R803	1-216-073-00	METAL CHIP	10K	5%	1/10W
				(WE725/WE825S)	
R804	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
				(WE725/WE825S)	
R806	1-216-081-00	METAL CHIP	22K	5%	1/10W
R807	1-216-097-00	RES,CHIP	100K	5%	1/10W
R808	1-216-097-00	RES,CHIP	100K	5%	1/10W
R809	1-216-049-11	RES,CHIP	1K	5%	1/10W
R810	1-216-025-00	RES,CHIP	100	5%	1/10W
R811	1-216-073-00	METAL CHIP	10K	5%	1/10W
R812	1-216-073-00	METAL CHIP	10K	5%	1/10W
R813	1-216-073-00	METAL CHIP	10K	5%	1/10W
R814	1-216-073-00	METAL CHIP	10K	5%	1/10W
R815	1-216-073-00	METAL CHIP	10K	5%	1/10W
R816	1-216-025-00	RES,CHIP	100	5%	1/10W
R817	1-216-025-00	RES,CHIP	100	5%	1/10W
R818	1-216-025-00	RES,CHIP	100	5%	1/10W
R819	1-216-025-00	RES,CHIP	100	5%	1/10W
R820	1-216-025-00	RES,CHIP	100	5%	1/10W
R821	1-216-025-00	RES,CHIP	100	5%	1/10W
R822	1-216-025-00	RES,CHIP	100	5%	1/10W
R823	1-216-025-00	RES,CHIP	100	5%	1/10W
R824	1-216-025-00	RES,CHIP	100	5%	1/10W
R825	1-216-025-00	RES,CHIP	100	5%	1/10W
R826	1-216-025-00	RES,CHIP	100	5%	1/10W
R827	1-216-025-00	RES,CHIP	100	5%	1/10W
R828	1-216-025-00	RES,CHIP	100	5%	1/10W
R829	1-216-025-00	RES,CHIP	100	5%	1/10W
R830	1-216-025-00	RES,CHIP	100	5%	1/10W
R831	1-216-097-00	RES,CHIP	100K	5%	1/10W
R832	1-216-097-00	RES,CHIP	100K	5%	1/10W
R833	1-216-097-00	RES,CHIP	100K	5%	1/10W
R834	1-216-097-00	RES,CHIP	100K	5%	1/10W
R841	1-216-073-00	METAL CHIP	10K	5%	1/10W
R842	1-216-080-00	METAL CHIP	20K	5%	1/10W
R843	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R844	1-216-092-00	RES,CHIP	62K	5%	1/10W
R845	1-216-084-00	METAL CHIP	30K	5%	1/10W
R846	1-216-077-00	METAL CHIP	15K	5%	1/10W
R847	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R848	1-216-073-00	METAL CHIP	10K	5%	1/10W
R849	1-216-073-00	METAL CHIP	10K	5%	1/10W
R850	1-216-073-00	METAL CHIP	10K	5%	1/10W
R851	1-216-073-00	METAL CHIP	10K	5%	1/10W
R852	1-216-083-00	METAL CHIP	27K	5%	1/10W
R853	1-216-083-00	METAL CHIP	27K	5%	1/10W
R854	1-216-083-00	METAL CHIP	27K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R855	1-216-083-00	METAL CHIP	27K	5%	1/10W
R861	1-216-073-00	METAL CHIP	10K	5%	1/10W
R862	1-216-080-00	METAL CHIP	20K	5%	1/10W
R863	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R864	1-216-092-00	RES,CHIP	62K	5%	1/10W
R865	1-216-084-00	METAL CHIP	30K	5%	1/10W
R866	1-216-077-00	METAL CHIP	15K	5%	1/10W
R867	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R868	1-216-073-00	METAL CHIP	10K	5%	1/10W
R869	1-216-073-00	METAL CHIP	10K	5%	1/10W
R870	1-216-073-00	METAL CHIP	10K	5%	1/10W
R871	1-216-073-00	METAL CHIP	10K	5%	1/10W
R872	1-216-083-00	METAL CHIP	27K	5%	1/10W
R873	1-216-083-00	METAL CHIP	27K	5%	1/10W
R874	1-216-083-00	METAL CHIP	27K	5%	1/10W
R875	1-216-083-00	METAL CHIP	27K	5%	1/10W
R877	1-216-081-00	METAL CHIP	22K	5%	1/10W
R878	1-216-081-00	METAL CHIP	22K	5%	1/10W
R881	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R882	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R883	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R884	1-216-083-00	METAL CHIP	27K	5%	1/10W
R885	1-216-083-00	METAL CHIP	27K	5%	1/10W
				(WE725/WE825S)	
R885	1-216-295-00	SHORT	0		(WE625)
R886	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R891	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R892	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R893	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R894	1-216-083-00	METAL CHIP	27K	5%	1/10W
R895	1-216-083-00	METAL CHIP	27K	5%	1/10W
				(WE725/WE825S)	
R895	1-216-295-00	SHORT	0		(WE625)
R896	1-216-057-00	METAL CHIP	2.2K	5%	1/10W

< VARIABLE RESISTOR >

RV101	1-241-764-11	RES, ADJ, CARBON	10K
RV102	1-241-764-11	RES, ADJ, CARBON	10K
RV201	1-241-764-11	RES, ADJ, CARBON	10K
RV202	1-241-764-11	RES, ADJ, CARBON	10K
RV601	1-241-765-11	RES, ADJ, CARBON	22K (WE725/WE825S)

< VIBRATOR >

X801	1-579-175-11	VIBRATOR, CERAMIC (10MHz)

****

REC VOL BOARD
(SUPPLIED WITH MAIN BOARD, COMPLETE)
****

< DIODE >

D901	8-719-313-43	LED SEL6210S-TH10 (CD SYNCHRO)
D902	8-719-313-43	LED SEL6210S-TH10 (AUTO)

The components identified by mark ⚠or dotted line with mark. ⚠are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q901	8-729-424-08	TRANSISTOR UN2111			
Q902	8-729-424-08	TRANSISTOR UN2111			
		< RESISTOR >			
R901	1-216-041-00	METAL CHIP	470	5%	1/10W
R902	1-216-041-00	METAL CHIP	470	5%	1/10W
R933	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R934	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
		< VARIABLE RESISTOR >			
RV901	1-225-616-11	RES, VAR, CARBON 20K (REC LEVEL)			
		< SWITCH >			
S933	1-554-303-21	SWITCH, TACTILE (FADER)			
S934	1-554-303-21	SWITCH, TACTILE (ARL)			
S935	1-554-303-21	SWITCH, TACTILE (CD SYNCHRO)			
**********					
		SW (A) BOARD (US,CND) (SUPPLIED WITH MAIN BOARD, COMPLETE) **********			
		< RESISTOR >			
R903	1-216-097-00	RES,CHIP	100K	5%	1/10W (WE825S:US)
R947	1-216-089-00	RES,CHIP	47K	5%	1/10W
		< VARIABLE RESISTOR >			
RV902	1-225-173-21	RES, VAR, CARBON 50K (PITCH CONTROL)			(WE825S:US)
		< SWITCH >			
S801	1-554-118-00	SWITCH, PUSH (1 KEY) (**I**/⏻)			
S947	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)			
S960	1-554-118-00	SWITCH, PUSH (1 KEY) (PITCH CONTROL)			(WE825S:US)
**********					
		SW (B) BOARD (EXCEPT US,CND) (SUPPLIED WITH MAIN BOARD, COMPLETE) **********			
		< RESISTOR >			
R903A	1-216-097-00	RES,CHIP	100K	5%	1/10W (AEP,UK)
R947A	1-216-089-00	RES,CHIP	47K	5%	1/10W
		< VARIABLE RESISTOR >			
RV902A	1-225-173-21	RES, VAR, CARBON 50K (PITCH CONTROL)			(AEP,UK)

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S947A	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)			
S960A	1-554-118-00	SWITCH, PUSH (1 KEY) (PITCH CONTROL)			(AEP,UK)
**********					
		SW (C) BOARD (EXCEPT US,CND) (SUPPLIED WITH MAIN BOARD, COMPLETE) **********			
		< CAPACITOR >			
⚠C001	1-113-925-11	CERAMIC	0.01uF	20%	250V
		< CONNECTOR >			
CN002	1-568-226-11	PIN, CONNECTOR 2P (AEP,UK,CH,AUS)			
* CN002	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P (SP,MY)			
		< SWITCH >			
⚠S850	1-762-581-11	SWITCH, AC POWER PUSH (1 KEY) (ⓘ)			
**********					
		TRANS (A) BOARD (EXCEPT SP,MY) (SUPPLIED WITH MAIN BOARD, COMPLETE) **********			
		< CONNECTOR >			
* CN001	1-573-047-11	PIN, CONNECTOR (PC BOARD) 2P			
**********					
		TRANS (B) BOARD (SUPPLIED WITH MAIN BOARD, COMPLETE) **********			
		< CAPACITOR >			
C751	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C752	1-137-374-11	FILM	0.047uF	5%	50V
C753	1-137-374-11	FILM	0.047uF	5%	50V
		< TRANSFORMER >			
⚠T701	1-431-786-11	TRANSFORMER, POWER (AEP,UK,CH,AUS)			
⚠T701	1-431-788-11	TRANSFORMER, POWER (US,CND)			
⚠T701	1-431-789-11	TRANSFORMER, POWER (SP,MY)			
**********					

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Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
52	1-590-486-11	WIRE (FLAT TYPE) (7 CORE) (WE625)	
52	1-769-914-11	WIRE (FLAT TYPE) (9 CORE) (WE725/WE825S)	
56	1-769-883-11	WIRE (FLAT TYPE) (7 CORE) (WE625)	
56	1-769-916-11	WIRE (FLAT TYPE) (9 CORE) (WE725/WE825S)	
⚠58	1-575-651-21	CORD, POWER (AEP,SP,MY)	
⚠59	1-751-529-11	CORD, POWER (UK)	
⚠60	1-590-926-11	CORD, POWER (US,CND)	
⚠61	1-696-845-11	CORD, POWER (AUS)	
⚠62	1-782-510-11	CORD, POWER (CH)	
162	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)	
217	1-638-983-11	MOTOR FLEXIBLE BOARD	
HRPE101	A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
M2	X-3363-501-2	MOTOR ASSY (REEL)	
⚠S701	1-692-155-11	SELECTOR, POWER VOLTAGE (VOLTAGE)	(SP,MY)
⚠T701	1-431-786-11	TRANSFORMER, POWER (AEP,UK,CH,AUS)	
⚠T701	1-431-788-11	TRANSFORMER, POWER (US,CND)	
⚠T701	1-431-789-11	TRANSFORMER, POWER (SP,MY)	
**********			
		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-559-713-31	CORD, CONNECTION (AUDIO)	
	1-777-172-11	CORD, CONNECTION (CONTROL A1) (CND)	
*	3-023-344-01	INDIVIDUAL CARTON (WE725)	
*	3-023-369-01	INDIVIDUAL CARTON (WE625:US,CND,AUS)	
*	3-023-370-01	INDIVIDUAL CARTON (WE625:CH,SP,MY)	
*	3-023-373-01	CUSHION	
*	3-023-374-01	INDIVIDUAL CARTON (WE825S:AEP,UK)	
*	3-025-278-01	INDIVIDUAL CARTON (WE825S:US)	
	3-862-713-11	MANUAL, INSTRUCTION (ENGLISH)	(US,CND,UK,CH,AUS)
	3-862-713-21	MANUAL, INSTRUCTION (FRENCH) (CND)	
	3-862-713-31	MANUAL, INSTRUCTION (ENGLISH,FRENCH, SPANISH,PORTUGUESE) (AEP,SP,MY)	
	3-862-713-41	MANUAL, INSTRUCTION (GERMAN,DUTCH, SWEDISH,ITALIAN) (AEP)	
	3-862-713-51	MANUAL, INSTRUCTION (CHINESE) (CH,SP,MY)	
**********			
		**********	
		HARDWARE LIST	
		**********	
#1	7-621-775-00	SCREW +B 2.6X3	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#4	7-685-862-09	SCREW +BVTT 2.6X6 (S)	
#5	7-685-134-19	SCREW +PTPWH 2.6X8 (TYPE2)	
#6	7-627-556-08	SCREW +P 2.6X2.8	

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